

**End Of Life Notice**  
(文書番号 - [SAF-B-22-0003])  
[2022年6月15日]

**通知先:** お客様各位

**御案内:** 平素より大変お世話になります。  
この度市場ニーズの変化に伴う需要減等の事情により今般弊社製品のEOL通知をさせていただきます。内容は以下の通りとなります。  
今後もお客様にご満足して頂ける製品の提供に努めて参りますので、何卒ご理解を賜りますようお願い申し上げます。

**対象製品:** 対象製品は受注型名リストを御確認ください。  
リストに記載されている型名は、本通知時のルネサスエレクトロニクスのデータベースに受注登録する型名です。

|               |                                      |             |
|---------------|--------------------------------------|-------------|
| <b>主要な日程:</b> | 最終受注 (LTB) の受付締切日<br>(翌日以降の受注はできません) | 2022年12月31日 |
|               | ルネサス最終出荷完了日 (LTS)                    | 2023年6月30日  |
| 2023年12月31日   |                                      |             |

**注意事項:** 上記の主要な日程に従って最終の発注 (LTB order) を行ってください。  
なお、発注されたオーダーは基本的にキャンセル及び返品は不可能です。

この通知の結果生じるオーダーは、ルネサスの標準取引条件または購入および販売取引を対象とする法的条件が適用されます。

代替品が用意されている製品は代替型名での発注をお願いします。

ルネサスは、お客様の発注されるオーダーと要求納期を尊重しますが、何らかの事情により対応できない場合、オーダーをお断わりする、または発注済みのオーダーをキャンセルさせて頂くことがありますのでご了承願います。

ご不明な点がございましたら、弊社営業、特約店までご連絡ください。

ルネサスエレクトロニクス株式会社

| Exact Renesas Part # No other variation<br>is being impacted. | Notice Issue<br>Date | LTB / Withdrawn<br>Date | LTS / Obsolete<br>Date | Replacement / Similar /<br>Re-Design |
|---|----------------------|-------------------------|------------------------|--------------------------------------|
| 2SK2955-90-E  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| D32217G35TFV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F113TLLFB#H5                       |
| D32375A35FQV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F113TLLFB#H5                       |
| D32375XXXFQV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F113TLLFB#H5                       |
| D33684D17FPIV   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100LGAFB#30                       |
| D33693B14HV   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100LGAFB#30                       |
| D338325A60WV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100MJAFB#30                       |
| D338326A06WV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100MJAFB#30                       |
| D338327A22WV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100MJAFB#30                       |
| D338327A48WV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100MJAFB#30                       |
| D37195A47FAKGV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100PJAFB#30                       |
| D78F0503MCA-E0282-CAB-X2-QS-AX                                | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA-CAB-E2-Q-G            |
| DM71494BNA25FPV   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F56719HDFP#30                      |
| G71243DA24FPV#Z1  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F566TEEDFM#30                      |
| G71253DA22FPV#Z1  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F566TEADFN#30                      |
| HD6437048P02FWV   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100MJAFB#30                       |
| HD6437104A97FV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100MJAFB#30                       |
| HD6437105A77FV  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100MJAFB#30                       |
| HD6437144WA25FV   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F566TEEDFH#30                      |
| HD6437148RA04FV   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F566TEBGF#30                       |
| HD64F7196RFK32V   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F56719HDFP#30                      |
| M30291MAV-6B3HP#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | RL78                                 |
| M30291MCV-6C3HP#WA  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | RL78                                 |
| M30622MEP-478FP#UR  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| N0437N-S19-AY   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| N0439N-S19-AY   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| N0531N-S34-AY   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| N0605N-S19-AY   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| N0606N-S19-AY   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R2A25105YFP#X6  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R2A25210YFP#X6                       |
| R2A25108KFP   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R4F20103NFB#20  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F100LGAFB#30                       |
| R5F1007AAA04NA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AAA04NA#40                    |
| R5F1007AANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AANA#40                       |
| R5F1007AAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AAXXXNA#00                    |
| R5F1007AAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AAXXXNA#40                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F1007ADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007AGNA#00                    |
| R5F1007ADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007AGXXXNA#00                 |
| R5F1007ADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007AGXXXNA#40                 |
| R5F1007AGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007AGXXXNA#00                 |
| R5F1007AGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007AGXXXNA#40                 |
| R5F1007CAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CAXXXNA#00                 |
| R5F1007CAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CAXXXNA#40                 |
| R5F1007CD200NA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CGXXXNA#00                 |
| R5F1007CDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CGNA#00                    |
| R5F1007CDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CGNA#40                    |
| R5F1007CDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CGXXXNA#00                 |
| R5F1007CDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CGXXXNA#40                 |
| R5F1007CGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CGXXXNA#00                 |
| R5F1007CGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007CGXXXNA#40                 |
| R5F1007DAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DAXXXNA#40                 |
| R5F1007DDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DGNA#00                    |
| R5F1007DDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DGNA#40                    |
| R5F1007DDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DGXXXNA#00                 |
| R5F1007DDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DGXXXNA#40                 |
| R5F1007DGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DGNA#00                    |
| R5F1007DGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DGXXXNA#00                 |
| R5F1007DGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007DGXXXNA#40                 |
| R5F1007EAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EAXXXNA#00                 |
| R5F1007EAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EAXXXNA#40                 |
| R5F1007EDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EGXXXNA#00                 |
| R5F1007EDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EGXXXNA#40                 |
| R5F1007EGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EGXXXNA#00                 |
| R5F1007EGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EGXXXNA#40                 |
| R5F100BAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAANA#40                    |
| R5F100BAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAAXXXNA#00                 |
| R5F100BAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAAXXXNA#40                 |
| R5F100BADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGNA#00                    |
| R5F100BADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGNA#40                    |
| R5F100BADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGXXXNA#00                 |
| R5F100BADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGXXXNA#40                 |
| R5F100BAGG00NA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F100BAGG01NA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F100BAGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGNA#00                    |
| R5F100BAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGNA#40                    |
| R5F100BAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGXXXNA#00                 |
| R5F100BAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGXXXNA#40                 |
| R5F100BCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCAXXXNA#00                 |
| R5F100BCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCAXXXNA#40                 |
| R5F100BCDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGNA#40                    |
| R5F100BCDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGXXXNA#00                 |
| R5F100BCDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGXXXNA#40                 |
| R5F100BCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGXXXNA#00                 |
| R5F100BCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGXXXNA#40                 |
| R5F100BDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDANA#40                    |
| R5F100BDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDAXXXNA#00                 |
| R5F100BDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDAXXXNA#40                 |
| R5F100BDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGNA#00                    |
| R5F100BDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGNA#40                    |
| R5F100BDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGXXXNA#00                 |
| R5F100BDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGXXXNA#40                 |
| R5F100BDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGNA#00                    |
| R5F100BDGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGNA#40                    |
| R5F100BDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGXXXNA#00                 |
| R5F100BDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGXXXNA#40                 |
| R5F100BEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEAXXXNA#00                 |
| R5F100BEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEAXXXNA#40                 |
| R5F100BEDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGNA#00                    |
| R5F100BEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGNA#40                    |
| R5F100BEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGXXXNA#00                 |
| R5F100BEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGXXXNA#40                 |
| R5F100BEGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGNA#00                    |
| R5F100BEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGXXXNA#00                 |
| R5F100BEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGXXXNA#40                 |
| R5F100BFANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFANA#40                    |
| R5F100BFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFAXXXNA#00                 |
| R5F100BFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFAXXXNA#40                 |
| R5F100BFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGNA#00                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F100BFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGNA#40                    |
| R5F100BFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGXXXNA#00                 |
| R5F100BFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGXXXNA#40                 |
| R5F100BFG300NA#20  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F100BFG300NA#40  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F100BFG300NA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F100BFG300NA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F100BFGG00NA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F100BFGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGNA#00                    |
| R5F100BFGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGNA#40                    |
| R5F100BFGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGXXXNA#00                 |
| R5F100BFGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGXXXNA#40                 |
| R5F100BGANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGANA#40                    |
| R5F100BGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGAXXXNA#00                 |
| R5F100BGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGAXXXNA#40                 |
| R5F100BGDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGNA#00                    |
| R5F100BGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGNA#40                    |
| R5F100BGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGXXXNA#00                 |
| R5F100BGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGXXXNA#40                 |
| R5F100BGGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGNA#00                    |
| R5F100BGGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGXXXNA#00                 |
| R5F100BGGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGXXXNA#40                 |
| R5F100EAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAAXXXNA#00                 |
| R5F100EAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAAXXXNA#40                 |
| R5F100EADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGNA#00                    |
| R5F100EADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGNA#40                    |
| R5F100EADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGXXXNA#00                 |
| R5F100EADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGXXXNA#40                 |
| R5F100EAGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGNA#00                    |
| R5F100EAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGNA#40                    |
| R5F100EAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGXXXNA#00                 |
| R5F100EAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGXXXNA#40                 |
| R5F100ECAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECAXXXNA#00                 |
| R5F100ECAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECAXXXNA#40                 |
| R5F100ECDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGNA#00                    |
| R5F100ECDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGNA#40                    |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F100ECDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGXXXNA#00                 |
| R5F100ECDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGXXXNA#40                 |
| R5F100ECGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGNA#40                    |
| R5F100ECGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGXXXNA#00                 |
| R5F100ECGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGXXXNA#40                 |
| R5F100EDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDAXXXNA#00                 |
| R5F100EDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDAXXXNA#40                 |
| R5F100EDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGNA#00                    |
| R5F100EDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGNA#40                    |
| R5F100EDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGXXXNA#00                 |
| R5F100EDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGXXXNA#40                 |
| R5F100EDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGNA#00                    |
| R5F100EDGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGNA#40                    |
| R5F100EDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGXXXNA#00                 |
| R5F100EDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGXXXNA#40                 |
| R5F100EEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEAXXXNA#00                 |
| R5F100EEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEAXXXNA#40                 |
| R5F100EEDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGNA#00                    |
| R5F100EEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGNA#40                    |
| R5F100EEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGXXXNA#00                 |
| R5F100EEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGXXXNA#40                 |
| R5F100EEGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGNA#40                    |
| R5F100EEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGXXXNA#00                 |
| R5F100EEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGXXXNA#40                 |
| R5F100EFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFAXXXNA#00                 |
| R5F100EFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFAXXXNA#40                 |
| R5F100EFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGNA#00                    |
| R5F100EFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGNA#40                    |
| R5F100EFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGXXXNA#00                 |
| R5F100EFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGXXXNA#40                 |
| R5F100EFGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGNA#00                    |
| R5F100EFGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGNA#40                    |
| R5F100EFGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGXXXNA#00                 |
| R5F100EFGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGXXXNA#40                 |
| R5F100EGANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGANA#40                    |
| R5F100EGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGAXXXNA#00                 |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F100EGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGAXXXNA#40                 |
| R5F100EGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGNA#40                    |
| R5F100EGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGXXXNA#00                 |
| R5F100EGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGXXXNA#40                 |
| R5F100EGGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGNA#00                    |
| R5F100EGGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGNA#40                    |
| R5F100EGGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGXXXNA#00                 |
| R5F100EGGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGXXXNA#40                 |
| R5F100EHAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHAXXXNA#00                 |
| R5F100EHAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHAXXXNA#40                 |
| R5F100EHDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGNA#40                    |
| R5F100EHDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGXXXNA#00                 |
| R5F100EHDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGXXXNA#40                 |
| R5F100EHGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGNA#40                    |
| R5F100EHGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGXXXNA#00                 |
| R5F100EHGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGXXXNA#40                 |
| R5F100GAANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAANA#00                    |
| R5F100GAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAANA#40                    |
| R5F100GAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAAXXXNA#00                 |
| R5F100GAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAAXXXNA#40                 |
| R5F100GADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGNA#00                    |
| R5F100GADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGNA#40                    |
| R5F100GADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGXXXNA#00                 |
| R5F100GADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGXXXNA#40                 |
| R5F100GAGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGNA#00                    |
| R5F100GAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGNA#40                    |
| R5F100GAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGXXXNA#00                 |
| R5F100GAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGXXXNA#40                 |
| R5F100GCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCANA#40                    |
| R5F100GCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCAXXXNA#00                 |
| R5F100GCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCAXXXNA#40                 |
| R5F100GCDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCGNA#00                    |
| R5F100GCDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCGNA#40                    |
| R5F100GCDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCGXXXNA#00                 |
| R5F100GCDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCGXXXNA#40                 |
| R5F100GCGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCGNA#40                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F100GCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCGXXXNA#00                 |
| R5F100GCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GCGXXXNA#40                 |
| R5F100GDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDANA#40                    |
| R5F100GDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDAXXXNA#00                 |
| R5F100GDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDAXXXNA#40                 |
| R5F100GDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDGNA#00                    |
| R5F100GDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDGNA#40                    |
| R5F100GDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDGXXXNA#00                 |
| R5F100GDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDGXXXNA#40                 |
| R5F100GDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDGNA#00                    |
| R5F100GDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDGXXXNA#00                 |
| R5F100GDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GDGXXXNA#40                 |
| R5F100GEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEAXXXNA#00                 |
| R5F100GEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEAXXXNA#40                 |
| R5F100GEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEGNA#40                    |
| R5F100GEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEGXXXNA#00                 |
| R5F100GEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEGXXXNA#40                 |
| R5F100GEGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEGNA#00                    |
| R5F100GEGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEGNA#40                    |
| R5F100GEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEGXXXNA#00                 |
| R5F100GEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GEGXXXNA#40                 |
| R5F100GFANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFANA#40                    |
| R5F100GFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFAXXXNA#00                 |
| R5F100GFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFAXXXNA#40                 |
| R5F100GFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGNA#00                    |
| R5F100GFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGNA#40                    |
| R5F100GFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGXXXNA#00                 |
| R5F100GFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGXXXNA#40                 |
| R5F100GFGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGNA#00                    |
| R5F100GFGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGNA#40                    |
| R5F100GFGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGXXXNA#00                 |
| R5F100GFGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GFGXXXNA#40                 |
| R5F100GGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGAXXXNA#00                 |
| R5F100GGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGAXXXNA#40                 |
| R5F100GGDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGNA#00                    |
| R5F100GGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGNA#40                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F100GGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGXXXNA#00                 |
| R5F100GGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGXXXNA#40                 |
| R5F100GGGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGNA#00                    |
| R5F100GGGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGNA#40                    |
| R5F100GGGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGXXXNA#00                 |
| R5F100GGGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGXXXNA#40                 |
| R5F100GHANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHANA#00                    |
| R5F100GHANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHANA#40                    |
| R5F100GHAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHAXXXNA#00                 |
| R5F100GHAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHAXXXNA#40                 |
| R5F100GHDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGNA#00                    |
| R5F100GHDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGNA#40                    |
| R5F100GHDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGXXXNA#00                 |
| R5F100GHDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGXXXNA#40                 |
| R5F100GHGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGNA#00                    |
| R5F100GHGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGNA#40                    |
| R5F100GHGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGXXXNA#00                 |
| R5F100GHGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGXXXNA#40                 |
| R5F100GJANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJANA#00                    |
| R5F100GJANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJANA#40                    |
| R5F100JAXXXNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJAXXXNA#00                 |
| R5F100JAXXXNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJAXXXNA#40                 |
| R5F100GJDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGNA#00                    |
| R5F100GJDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGNA#40                    |
| R5F100GJDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGXXXNA#00                 |
| R5F100GJDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGXXXNA#40                 |
| R5F100GJGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGNA#00                    |
| R5F100GJGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGNA#40                    |
| R5F100GJGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGXXXNA#00                 |
| R5F100GJGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGXXXNA#40                 |
| R5F100GKANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKANA#00                    |
| R5F100GKANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKANA#40                    |
| R5F100GKAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKAXXXNA#00                 |
| R5F100GKAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKAXXXNA#40                 |
| R5F100GKDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKDNA#00                    |
| R5F100GKDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKDNA#40                    |

| Exact Renesas Part # No other variation<br>is being impacted. | Notice Issue<br>Date | LTB / Withdrawn<br>Date | LTS / Obsolete<br>Date | Replacement / Similar /<br>Re-Design |
|---|----------------------|-------------------------|------------------------|--------------------------------------|
| R5F100GKDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GKDXXXNA#00                    |
| R5F100GKDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GKDXXXNA#40                    |
| R5F100GLANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GLANA#00                       |
| R5F100GLAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GLAXXXNA#00                    |
| R5F100GLAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GLAXXXNA#40                    |
| R5F100GLDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GLDNA#00                       |
| R5F100GLDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GLDNA#40                       |
| R5F100GLDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GLDXXXNA#00                    |
| R5F100GLDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GLDXXXNA#40                    |
| R5F1017AAA00NA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R5F1017AAA03NA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R5F1017AAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017AAXXXNA#00                    |
| R5F1017AAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017AAXXXNA#40                    |
| R5F1017ADNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AGNA#00                       |
| R5F1017ADNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AGNA#40                       |
| R5F1017ADXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AGXXXNA#00                    |
| R5F1017ADXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007AGXXXNA#40                    |
| R5F1017CANAW0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017CANAW0                        |
| R5F1017CAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017CAXXXNA#00                    |
| R5F1017CAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017CAXXXNA#40                    |
| R5F1017CDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007CGNA#00                       |
| R5F1017CDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007CGNA#40                       |
| R5F1017CDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007CGXXXNA#00                    |
| R5F1017CDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007CGXXXNA#40                    |
| R5F1017DANA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017DANA#00                       |
| R5F1017DANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017DANA#40                       |
| R5F1017DAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017DAXXXNA#00                    |
| R5F1017DAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017DAXXXNA#40                    |
| R5F1017DDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007DGNA#00                       |
| R5F1017DDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007DGNA#40                       |
| R5F1017DDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007DGXXXNA#00                    |
| R5F1017DDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007DGXXXNA#40                    |
| R5F1017EANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017EANA#40                       |
| R5F1017EAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017EAXXXNA#00                    |
| R5F1017EAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1017EAXXXNA#40                    |
| R5F1017EDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1007EGNA#00                       |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F1017EDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EGNA#40                    |
| R5F1017EDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EGXXXNA#00                 |
| R5F1017EDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1007EGXXXNA#40                 |
| R5F101BAANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BAANA#00                    |
| R5F101BAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BAANA#40                    |
| R5F101BAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BAAXXXNA#00                 |
| R5F101BAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BAAXXXNA#40                 |
| R5F101BADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGNA#40                    |
| R5F101BADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGXXXNA#00                 |
| R5F101BADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BAGXXXNA#40                 |
| R5F101BCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BCANA#40                    |
| R5F101BCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BCAXXXNA#00                 |
| R5F101BCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BCAXXXNA#40                 |
| R5F101BCDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGNA#00                    |
| R5F101BCDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGNA#40                    |
| R5F101BCDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGXXXNA#00                 |
| R5F101BCDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BCGXXXNA#40                 |
| R5F101BDANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BDANA#00                    |
| R5F101BDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BDANA#40                    |
| R5F101BDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BDAXXXNA#00                 |
| R5F101BDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BDAXXXNA#40                 |
| R5F101BDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGNA#00                    |
| R5F101BDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGNA#40                    |
| R5F101BDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGXXXNA#00                 |
| R5F101BDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BDGXXXNA#40                 |
| R5F101BEANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BEANA#00                    |
| R5F101BEANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BEANA#40                    |
| R5F101BEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BEAXXXNA#00                 |
| R5F101BEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BEAXXXNA#40                 |
| R5F101BEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGNA#40                    |
| R5F101BEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGXXXNA#00                 |
| R5F101BEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BEGXXXNA#40                 |
| R5F101BFANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BFANA#40                    |
| R5F101BFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BFAXXXNA#00                 |
| R5F101BFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BFAXXXNA#40                 |
| R5F101BFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGNA#00                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F101BFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGNA#40                    |
| R5F101BFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGXXXNA#00                 |
| R5F101BFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BFGXXXNA#40                 |
| R5F101BGANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BGANA#00                    |
| R5F101BGANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BGANA#40                    |
| R5F101BGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BGAXXXNA#00                 |
| R5F101BGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101BGAXXXNA#40                 |
| R5F101BGDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGNA#00                    |
| R5F101BGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGNA#40                    |
| R5F101BGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGXXXNA#00                 |
| R5F101BGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100BGGXXXNA#40                 |
| R5F101EAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EAAXXXNA#00                 |
| R5F101EAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EAAXXXNA#40                 |
| R5F101EADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGNA#00                    |
| R5F101EADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGNA#40                    |
| R5F101EADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGXXXNA#00                 |
| R5F101EADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EAGXXXNA#40                 |
| R5F101ECAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101ECAXXXNA#00                 |
| R5F101ECAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101ECAXXXNA#40                 |
| R5F101ECDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGNA#00                    |
| R5F101ECDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGNA#40                    |
| R5F101ECDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGXXXNA#00                 |
| R5F101ECDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100ECGXXXNA#40                 |
| R5F101EDANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EDANA#00                    |
| R5F101EDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EDAXXXNA#00                 |
| R5F101EDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EDAXXXNA#40                 |
| R5F101EDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGNA#00                    |
| R5F101EDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGNA#40                    |
| R5F101EDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGXXXNA#00                 |
| R5F101EDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EDGXXXNA#40                 |
| R5F101EEANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EEANA#40                    |
| R5F101EEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EEAXXXNA#00                 |
| R5F101EEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EEAXXXNA#40                 |
| R5F101EEDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGNA#00                    |
| R5F101EEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGNA#40                    |
| R5F101EEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGXXXNA#00                 |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F101EEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EEGXXXNA#40                 |
| R5F101EFANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EFANA#00                    |
| R5F101EFANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EFANA#40                    |
| R5F101EFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EFAXXXNA#00                 |
| R5F101EFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EFAXXXNA#40                 |
| R5F101EFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGNA#00                    |
| R5F101EFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGNA#40                    |
| R5F101EFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGXXXNA#00                 |
| R5F101EFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EFGXXXNA#40                 |
| R5F101EGANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EGANA#00                    |
| R5F101EGANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EGANA#40                    |
| R5F101EGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EGAXXXNA#00                 |
| R5F101EGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EGAXXXNA#40                 |
| R5F101EGDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGNA#00                    |
| R5F101EGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGNA#40                    |
| R5F101EGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGXXXNA#00                 |
| R5F101EGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EGGXXXNA#40                 |
| R5F101EHANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EHANA#00                    |
| R5F101EHANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EHANA#40                    |
| R5F101EHAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EHAXXXNA#00                 |
| R5F101EHAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101EHAXXXNA#40                 |
| R5F101EHDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGNA#00                    |
| R5F101EHDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGNA#40                    |
| R5F101EHDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGXXXNA#00                 |
| R5F101EHDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100EHGXXXNA#40                 |
| R5F101GAANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GAANA#00                    |
| R5F101GAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GAANA#40                    |
| R5F101GAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GAAXXXNA#00                 |
| R5F101GAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GAAXXXNA#40                 |
| R5F101GADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGNA#00                    |
| R5F101GADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGNA#40                    |
| R5F101GADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGXXXNA#00                 |
| R5F101GADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GAGXXXNA#40                 |
| R5F101GCANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GCANA#00                    |
| R5F101GCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GCANA#40                    |
| R5F101GCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GCAXXXNA#00                 |

| Exact Renesas Part # No other variation<br>is being impacted. | Notice Issue<br>Date | LTB / Withdrawn<br>Date | LTS / Obsolete<br>Date | Replacement / Similar /<br>Re-Design |
|---|----------------------|-------------------------|------------------------|--------------------------------------|
| R5F101GCAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GCAXXXNA#40                    |
| R5F101GCDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GCGNA#00                       |
| R5F101GCDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GCGNA#40                       |
| R5F101GCDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GCGXXXNA#00                    |
| R5F101GCDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GCGXXXNA#40                    |
| R5F101GDANA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GDANA#00                       |
| R5F101GDANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GDANA#40                       |
| R5F101GDAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GDAXXXNA#00                    |
| R5F101GDAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GDAXXXNA#40                    |
| R5F101GDDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GDGNA#00                       |
| R5F101GDDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GDGNA#40                       |
| R5F101GDDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GDGXXXNA#00                    |
| R5F101GDDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GDGXXXNA#40                    |
| R5F101GEANA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GEANA#00                       |
| R5F101GEANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GEANA#40                       |
| R5F101GEAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GEAXXXNA#00                    |
| R5F101GEAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GEAXXXNA#40                    |
| R5F101GEDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GEGNA#00                       |
| R5F101GEDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GEGNA#40                       |
| R5F101GEDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GEGXXXNA#00                    |
| R5F101GEDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GEGXXXNA#40                    |
| R5F101GFANA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GFANA#00                       |
| R5F101GFANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GFANA#40                       |
| R5F101GFAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GFAXXXNA#00                    |
| R5F101GFAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GFAXXXNA#40                    |
| R5F101GFDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GFGNA#00                       |
| R5F101GFDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GFGNA#40                       |
| R5F101GFDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GFGXXXNA#00                    |
| R5F101GFDXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GFGXXXNA#40                    |
| R5F101GGANA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GGANA#00                       |
| R5F101GGANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GGANA#40                       |
| R5F101GGAXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GGAXXXNA#00                    |
| R5F101GGAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F101GGAXXXNA#40                    |
| R5F101GGDNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GGGNA#00                       |
| R5F101GGDNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GGGNA#40                       |
| R5F101GGDXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F100GGGXXXNA#00                    |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F101GGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GGGXXXNA#40                 |
| R5F101GHANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GHANA#00                    |
| R5F101GHANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GHANA#40                    |
| R5F101GHAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GHAXXXNA#00                 |
| R5F101GHAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GHAXXXNA#40                 |
| R5F101GHDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGNA#00                    |
| R5F101GHDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGNA#40                    |
| R5F101GHDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGXXXNA#00                 |
| R5F101GHDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GHGXXXNA#40                 |
| R5F101GJANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GJANA#00                    |
| R5F101GJANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GJANA#40                    |
| R5F101GJAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GJAXXXNA#00                 |
| R5F101GJAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GJAXXXNA#40                 |
| R5F101GJDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGNA#00                    |
| R5F101GJDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGNA#40                    |
| R5F101GJDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGXXXNA#00                 |
| R5F101GJDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GJGXXXNA#40                 |
| R5F101GKANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GKANA#00                    |
| R5F101GKANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GKANA#40                    |
| R5F101GKAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GKAXXXNA#00                 |
| R5F101GKAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GKAXXXNA#40                 |
| R5F101GKDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKDNA#00                    |
| R5F101GKDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKDNA#40                    |
| R5F101GKDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKDXXXNA#00                 |
| R5F101GKDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GKDXXXNA#40                 |
| R5F101GLANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GLANA#00                    |
| R5F101GLANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GLANA#40                    |
| R5F101GLAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GLAXXXNA#00                 |
| R5F101GLAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F101GLAXXXNA#40                 |
| R5F101GLDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GLDNA#00                    |
| R5F101GLDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GLDNA#40                    |
| R5F101GLDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GLDXXXNA#00                 |
| R5F101GLDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F100GLDXXXNA#40                 |
| R5F10277ANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277ANA#45                    |
| R5F10277ANA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277ANA#45                    |
| R5F10277AXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277AXXXNA#45                 |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F10277AXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277AXXXNA#45                 |
| R5F10277AXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277AXXXNA#45                 |
| R5F10277AXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277AXXXNA#45                 |
| R5F10277DNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#05                    |
| R5F10277DNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#05                    |
| R5F10277DNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#45                    |
| R5F10277DNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#45                    |
| R5F10277DXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#05                 |
| R5F10277DXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#05                 |
| R5F10277DXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#45                 |
| R5F10277DXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#45                 |
| R5F10277GNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#05                    |
| R5F10277GNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#05                    |
| R5F10277GNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#45                    |
| R5F10277GNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GNA#45                    |
| R5F10277GXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#05                 |
| R5F10277GXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#05                 |
| R5F10277GXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#45                 |
| R5F10277GXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10277GXXXNA#45                 |
| R5F10278A100NA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F10278ANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278ANA#05                    |
| R5F10278ANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278ANA#45                    |
| R5F10278AXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278AXXXNA#05                 |
| R5F10278AXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278AXXXNA#05                 |
| R5F10278AXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278AXXXNA#45                 |
| R5F10278AXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278AXXXNA#45                 |
| R5F10278DNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#05                    |
| R5F10278DNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#05                    |
| R5F10278DNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#45                    |
| R5F10278DXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#05                 |
| R5F10278DXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#05                 |
| R5F10278DXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10278DXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10278GNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#05                    |
| R5F10278GNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#05                    |
| R5F10278GNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#45                    |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F10278GNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#45                    |
| R5F10278GXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10278GXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10278GXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10278GXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10279ANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279ANA#45                    |
| R5F10279ANA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279ANA#45                    |
| R5F10279AXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279AXXXNA#05                 |
| R5F10279AXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279AXXXNA#05                 |
| R5F10279AXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279AXXXNA#45                 |
| R5F10279AXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279AXXXNA#45                 |
| R5F10279DE01NA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F10279DNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#05                    |
| R5F10279DNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#05                    |
| R5F10279DNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#45                    |
| R5F10279DNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#45                    |
| R5F10279DXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#05                 |
| R5F10279DXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#05                 |
| R5F10279DXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#45                 |
| R5F10279DXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#45                 |
| R5F10279GNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#05                    |
| R5F10279GNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#05                    |
| R5F10279GNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#45                    |
| R5F10279GNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#45                    |
| R5F10279GXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#05                 |
| R5F10279GXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#05                 |
| R5F10279GXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#45                 |
| R5F10279GXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#45                 |
| R5F1027AAA00NA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AAA00NA#05                 |
| R5F1027AAA00NA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AAA00NA#45                 |
| R5F1027AAA03NA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AAA03NA#05                 |
| R5F1027AAA04NA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AAA04NA#05                 |
| R5F1027AAB01NA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AAB01NA#05                 |
| R5F1027AANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AANA#05                    |
| R5F1027AANA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AANA#05                    |
| R5F1027AAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AAXXXNA#05                 |

| Exact Renesas Part # No other variation<br>is being impacted. | Notice Issue<br>Date | LTB / Withdrawn<br>Date | LTS / Obsolete<br>Date | Replacement / Similar /<br>Re-Design |
|---|----------------------|-------------------------|------------------------|--------------------------------------|
| R5F1027AAXXXNA#U5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AAXXXNA#05                    |
| R5F1027AAXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AAXXXNA#45                    |
| R5F1027AAXXXNA#W5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AAXXXNA#45                    |
| R5F1027ADNA#U5  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGNA#05                       |
| R5F1027ADNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGNA#45                       |
| R5F1027ADNA#W5  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGNA#45                       |
| R5F1027ADXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#05                    |
| R5F1027ADXXXNA#U5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#05                    |
| R5F1027ADXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#45                    |
| R5F1027ADXXXNA#W5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#45                    |
| R5F1027AG350NA#U5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AG350NA#05                    |
| R5F1027AGG51NA#W5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGG51NA#45                    |
| R5F1027AGNA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGNA#05                       |
| R5F1027AGNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGNA#45                       |
| R5F1027AGXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#05                    |
| R5F1027AGXXXNA#U5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#05                    |
| R5F1027AGXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#45                    |
| R5F1027AGXXXNA#W5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F1027AGXXXNA#45                    |
| R5F10377ANA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10377ANA#05                       |
| R5F10377ANA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10377ANA#45                       |
| R5F10377ANA#W5  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10377ANA#45                       |
| R5F10377AXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10377AXXXNA#05                    |
| R5F10377AXXXNA#U5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10377AXXXNA#05                    |
| R5F10377AXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10377AXXXNA#45                    |
| R5F10377AXXXNA#W5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10377AXXXNA#45                    |
| R5F10377DNA#U5  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10277GNA#05                       |
| R5F10377DNA#W0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10277GNA#45                       |
| R5F10377DNA#W5  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10277GNA#45                       |
| R5F10377DXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10277GXXXNA#05                    |
| R5F10377DXXXNA#U5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10277GXXXNA#05                    |
| R5F10377DXXXNA#W0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10277GXXXNA#45                    |
| R5F10377DXXXNA#W5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10277GXXXNA#45                    |
| R5F10378AB00NA#U5   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10378AB00NA#05                    |
| R5F10378ANA#U0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10378ANA#05                       |
| R5F10378ANA#U5  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10378ANA#05                       |
| R5F10378AXXXNA#U0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R5F10378AXXXNA#05                    |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F10378AXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10378AXXXNA#05                 |
| R5F10378AXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10378AXXXNA#45                 |
| R5F10378AXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10378AXXXNA#45                 |
| R5F10378DNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#05                    |
| R5F10378DNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#05                    |
| R5F10378DNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#45                    |
| R5F10378DNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GNA#45                    |
| R5F10378DXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#05                 |
| R5F10378DXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#05                 |
| R5F10378DXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10378DXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10278GXXXNA#45                 |
| R5F10379ANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379ANA#05                    |
| R5F10379ANA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379ANA#05                    |
| R5F10379ANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379ANA#45                    |
| R5F10379ANA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379ANA#45                    |
| R5F10379AXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379AXXXNA#05                 |
| R5F10379AXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379AXXXNA#05                 |
| R5F10379AXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379AXXXNA#45                 |
| R5F10379AXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10379AXXXNA#45                 |
| R5F10379DNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#05                    |
| R5F10379DNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#05                    |
| R5F10379DNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#45                    |
| R5F10379DNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GNA#45                    |
| R5F10379DXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#05                 |
| R5F10379DXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#05                 |
| R5F10379DXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#45                 |
| R5F10379DXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10279GXXXNA#45                 |
| R5F1037AANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1037AANA#05                    |
| R5F1037AANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1037AANA#45                    |
| R5F1037AAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1037AAXXXNA#05                 |
| R5F1037AAXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1037AAXXXNA#05                 |
| R5F1037AAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1037AAXXXNA#45                 |
| R5F1037AAXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1037AAXXXNA#45                 |
| R5F1037ADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGNA#05                    |
| R5F1037ADNA#U5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGNA#05                    |
| R5F1037ADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGNA#45                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F1037ADNA#W5   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGNA#45                    |
| R5F1037ADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGXXXNA#05                 |
| R5F1037ADXXXNA#U5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGXXXNA#05                 |
| R5F1037ADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGXXXNA#45                 |
| R5F1037ADXXXNA#W5  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1027AGXXXNA#45                 |
| R5F104BAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAANA#40                    |
| R5F104BAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAAXXXNA#00                 |
| R5F104BAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAAXXXNA#40                 |
| R5F104BADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGNA#00                    |
| R5F104BADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGNA#40                    |
| R5F104BADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGXXXNA#00                 |
| R5F104BADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGXXXNA#40                 |
| R5F104BAGG00NA#20  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F104BAGG00NA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F104BAGG01NA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGG01NA#40                 |
| R5F104BAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGNA#40                    |
| R5F104BAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGXXXNA#00                 |
| R5F104BAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BAGXXXNA#40                 |
| R5F104BCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCANA#40                    |
| R5F104BCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCAXXXNA#00                 |
| R5F104BCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCAXXXNA#40                 |
| R5F104BCDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCGNA#00                    |
| R5F104BCDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCGNA#40                    |
| R5F104BCDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCGXXXNA#00                 |
| R5F104BCDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCGXXXNA#40                 |
| R5F104BCGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCGNA#00                    |
| R5F104BCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCGXXXNA#00                 |
| R5F104BCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BCGXXXNA#40                 |
| R5F104BDANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDANA#00                    |
| R5F104BDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDANA#40                    |
| R5F104BDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDAXXXNA#00                 |
| R5F104BDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDAXXXNA#40                 |
| R5F104BDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGNA#00                    |
| R5F104BDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGNA#40                    |
| R5F104BDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGXXXNA#00                 |
| R5F104BDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGXXXNA#40                 |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F104BDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGNA#00                    |
| R5F104BDGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGNA#40                    |
| R5F104BDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGXXXNA#00                 |
| R5F104BDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BDGXXXNA#40                 |
| R5F104BEANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEANA#00                    |
| R5F104BEANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEANA#40                    |
| R5F104BEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEAXXXNA#00                 |
| R5F104BEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEAXXXNA#40                 |
| R5F104BEDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEGNA#00                    |
| R5F104BEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEGNA#40                    |
| R5F104BEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEGXXXNA#00                 |
| R5F104BEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEGXXXNA#40                 |
| R5F104BEGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEGNA#00                    |
| R5F104BEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEGXXXNA#00                 |
| R5F104BEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BEGXXXNA#40                 |
| R5F104BFANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFANA#40                    |
| R5F104BFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFAXXXNA#00                 |
| R5F104BFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFAXXXNA#40                 |
| R5F104BFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFGNA#00                    |
| R5F104BFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFGNA#40                    |
| R5F104BFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFGXXXNA#00                 |
| R5F104BFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFGXXXNA#40                 |
| R5F104BFGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFGNA#40                    |
| R5F104BFGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFGXXXNA#00                 |
| R5F104BFGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BFGXXXNA#40                 |
| R5F104BGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGAXXXNA#00                 |
| R5F104BGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGAXXXNA#40                 |
| R5F104BGDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGNA#00                    |
| R5F104BGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGNA#40                    |
| R5F104BGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGXXXNA#00                 |
| R5F104BGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGXXXNA#40                 |
| R5F104BGGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGNA#00                    |
| R5F104BGGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGNA#40                    |
| R5F104BGGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGXXXNA#00                 |
| R5F104BGGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104BGGXXXNA#40                 |
| R5F104EAANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAANA#00                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F104EAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAANA#40                    |
| R5F104EAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAAXXXNA#00                 |
| R5F104EAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAAXXXNA#40                 |
| R5F104EADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAGNA#00                    |
| R5F104EADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAGNA#40                    |
| R5F104EADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAGXXXNA#00                 |
| R5F104EADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAGXXXNA#40                 |
| R5F104EAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAGNA#40                    |
| R5F104EAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAGXXXNA#00                 |
| R5F104EAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EAGXXXNA#40                 |
| R5F104ECANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECANA#00                    |
| R5F104ECANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECANA#40                    |
| R5F104ECAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECAXXXNA#00                 |
| R5F104ECAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECAXXXNA#40                 |
| R5F104ECDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGNA#00                    |
| R5F104ECDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGNA#40                    |
| R5F104ECDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGXXXNA#00                 |
| R5F104ECDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGXXXNA#40                 |
| R5F104ECGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGNA#00                    |
| R5F104ECGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGNA#40                    |
| R5F104ECGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGXXXNA#00                 |
| R5F104ECGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104ECGXXXNA#40                 |
| R5F104EDANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDANA#00                    |
| R5F104EDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDANA#40                    |
| R5F104EDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDAXXXNA#00                 |
| R5F104EDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDAXXXNA#40                 |
| R5F104EDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGNA#00                    |
| R5F104EDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGNA#40                    |
| R5F104EDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGXXXNA#00                 |
| R5F104EDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGXXXNA#40                 |
| R5F104EDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGNA#00                    |
| R5F104EDGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGNA#40                    |
| R5F104EDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGXXXNA#00                 |
| R5F104EDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EDGXXXNA#40                 |
| R5F104EEANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEANA#00                    |
| R5F104EEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEAXXXNA#00                 |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F104EEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEAXXXNA#40                 |
| R5F104EEDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGNA#00                    |
| R5F104EEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGNA#40                    |
| R5F104EEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGXXXNA#00                 |
| R5F104EEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGXXXNA#40                 |
| R5F104EEGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGNA#00                    |
| R5F104EEGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGNA#40                    |
| R5F104EEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGXXXNA#00                 |
| R5F104EEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EEGXXXNA#40                 |
| R5F104EFANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFANA#00                    |
| R5F104EFANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFANA#40                    |
| R5F104EFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFAXXXNA#00                 |
| R5F104EFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFAXXXNA#40                 |
| R5F104EFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGNA#00                    |
| R5F104EFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGNA#40                    |
| R5F104EFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGXXXNA#00                 |
| R5F104EFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGXXXNA#40                 |
| R5F104EFGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGNA#00                    |
| R5F104EFGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGNA#40                    |
| R5F104EFGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGXXXNA#00                 |
| R5F104EFGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EFGXXXNA#40                 |
| R5F104EGANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGANA#00                    |
| R5F104EGANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGANA#40                    |
| R5F104EGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGAXXXNA#00                 |
| R5F104EGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGAXXXNA#40                 |
| R5F104EGDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGNA#00                    |
| R5F104EGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGNA#40                    |
| R5F104EGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGXXXNA#00                 |
| R5F104EGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGXXXNA#40                 |
| R5F104EGGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGNA#00                    |
| R5F104EGGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGNA#40                    |
| R5F104EGGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGXXXNA#00                 |
| R5F104EGGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EGGXXXNA#40                 |
| R5F104EHANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHANA#00                    |
| R5F104EHAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHAXXXNA#00                 |
| R5F104EHAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHAXXXNA#40                 |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F104EHDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGNA#00                    |
| R5F104EHDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGNA#40                    |
| R5F104EHDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGXXXNA#00                 |
| R5F104EHDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGXXXNA#40                 |
| R5F104EHGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGNA#00                    |
| R5F104EHGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGNA#40                    |
| R5F104EHGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGXXXNA#00                 |
| R5F104EHGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104EHGXXXNA#40                 |
| R5F104GAANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAANA#00                    |
| R5F104GAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAANA#40                    |
| R5F104GAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAAXXXNA#00                 |
| R5F104GAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAAXXXNA#40                 |
| R5F104GADNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGNA#00                    |
| R5F104GADNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGNA#40                    |
| R5F104GADXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGXXXNA#00                 |
| R5F104GADXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGXXXNA#40                 |
| R5F104GAGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGNA#00                    |
| R5F104GAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGNA#40                    |
| R5F104GAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGXXXNA#00                 |
| R5F104GAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GAGXXXNA#40                 |
| R5F104GCANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCANA#00                    |
| R5F104GCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCANA#40                    |
| R5F104GCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCAXXXNA#00                 |
| R5F104GCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCAXXXNA#40                 |
| R5F104GCDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGNA#00                    |
| R5F104GCDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGNA#40                    |
| R5F104GCDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGXXXNA#00                 |
| R5F104GCDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGXXXNA#40                 |
| R5F104GCGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGNA#00                    |
| R5F104GCGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGNA#40                    |
| R5F104GCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGXXXNA#00                 |
| R5F104GCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GCGXXXNA#40                 |
| R5F104GDANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDANA#00                    |
| R5F104GDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDANA#40                    |
| R5F104GDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDAXXXNA#00                 |
| R5F104GDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDAXXXNA#40                 |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F104GDDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGNA#00                    |
| R5F104GDDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGNA#40                    |
| R5F104GDDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGXXXNA#00                 |
| R5F104GDDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGXXXNA#40                 |
| R5F104GDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGNA#00                    |
| R5F104GDGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGNA#40                    |
| R5F104GDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGXXXNA#00                 |
| R5F104GDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GDGXXXNA#40                 |
| R5F104GEANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEANA#40                    |
| R5F104GEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEAXXXNA#00                 |
| R5F104GEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEAXXXNA#40                 |
| R5F104GEDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGNA#00                    |
| R5F104GEDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGNA#40                    |
| R5F104GEDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGXXXNA#00                 |
| R5F104GEDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGXXXNA#40                 |
| R5F104GEGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGNA#00                    |
| R5F104GEGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGNA#40                    |
| R5F104GEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGXXXNA#00                 |
| R5F104GEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GEGXXXNA#40                 |
| R5F104GFANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFANA#00                    |
| R5F104GFANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFANA#40                    |
| R5F104GFAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFAXXXNA#00                 |
| R5F104GFAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFAXXXNA#40                 |
| R5F104GFDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGNA#00                    |
| R5F104GFDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGNA#40                    |
| R5F104GFDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGXXXNA#00                 |
| R5F104GFDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGXXXNA#40                 |
| R5F104GFGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGNA#00                    |
| R5F104GFGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGNA#40                    |
| R5F104GFGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGXXXNA#00                 |
| R5F104GFGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GFGXXXNA#40                 |
| R5F104GGANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGANA#00                    |
| R5F104GGANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGANA#40                    |
| R5F104GGAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGAXXXNA#00                 |
| R5F104GGAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGAXXXNA#40                 |
| R5F104GGDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGNA#00                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F104GGDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGNA#40                    |
| R5F104GGDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGXXXNA#00                 |
| R5F104GGDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGXXXNA#40                 |
| R5F104GGGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGNA#00                    |
| R5F104GGGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGNA#40                    |
| R5F104GGGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGXXXNA#00                 |
| R5F104GGGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GGGXXXNA#40                 |
| R5F104GHANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHANA#00                    |
| R5F104GHANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHANA#40                    |
| R5F104GHAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHAXXXNA#00                 |
| R5F104GHAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHAXXXNA#40                 |
| R5F104GHDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGNA#00                    |
| R5F104GHDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGNA#40                    |
| R5F104GHDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGXXXNA#00                 |
| R5F104GHDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGXXXNA#40                 |
| R5F104GHGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGNA#00                    |
| R5F104GHGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGNA#40                    |
| R5F104GHGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGXXXNA#00                 |
| R5F104GHGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GHGXXXNA#40                 |
| R5F104GJANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJANA#40                    |
| R5F104GJAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJAXXXNA#00                 |
| R5F104GJAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJAXXXNA#40                 |
| R5F104GJDNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGNA#00                    |
| R5F104GJDNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGNA#40                    |
| R5F104GJDXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGXXXNA#00                 |
| R5F104GJDXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGXXXNA#40                 |
| R5F104GJGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGNA#00                    |
| R5F104GJGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGNA#40                    |
| R5F104GJGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGXXXNA#00                 |
| R5F104GJGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GJGXXXNA#40                 |
| R5F104GKANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GKANA#00                    |
| R5F104GKAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GKAXXXNA#00                 |
| R5F104GKAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GKAXXXNA#40                 |
| R5F104GKGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GKGNA#00                    |
| R5F104GKGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GKGNA#40                    |
| R5F104GKGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GKGXXXNA#00                 |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F104GKGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GKGXXXNA#40                 |
| R5F104GLANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GLANA#40                    |
| R5F104GLAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GLAXXXNA#00                 |
| R5F104GLAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GLAXXXNA#40                 |
| R5F104GLGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GLGNA#00                    |
| R5F104GLGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GLGXXXNA#00                 |
| R5F104GLGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F104GLGXXXNA#40                 |
| R5F1057AANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1057AANA#40                    |
| R5F1057AAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1057AAXXXNA#00                 |
| R5F1057AAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1057AAXXXNA#40                 |
| R5F1057AGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1057AGNA#40                    |
| R5F1057AGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1057AGXXXNA#00                 |
| R5F1057AGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1057AGXXXNA#40                 |
| R5F10E8CAA00LA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F10EBAANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAANA#00                    |
| R5F10EBAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAANA#40                    |
| R5F10EBAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAAXXXNA#00                 |
| R5F10EBAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAAXXXNA#40                 |
| R5F10EBAGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAGNA#00                    |
| R5F10EBAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAGNA#40                    |
| R5F10EBAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAGXXXNA#00                 |
| R5F10EBAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBAGXXXNA#40                 |
| R5F10EBCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBCANA#40                    |
| R5F10EBCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBCAXXXNA#00                 |
| R5F10EBCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBCAXXXNA#40                 |
| R5F10EBCGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBCGNA#00                    |
| R5F10EBCGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBCGNA#40                    |
| R5F10EBCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBCGXXXNA#00                 |
| R5F10EBCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBCGXXXNA#40                 |
| R5F10EBDANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDANA#00                    |
| R5F10EBDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDANA#40                    |
| R5F10EBDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDAXXXNA#00                 |
| R5F10EBDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDAXXXNA#40                 |
| R5F10EBDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDGNA#00                    |
| R5F10EBDGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDGNA#40                    |
| R5F10EBDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDGXXXNA#00                 |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F10EBDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBDGXXXNA#40                 |
| R5F10EBEANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBEANA#40                    |
| R5F10EBEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBEAXXXNA#00                 |
| R5F10EBEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBEAXXXNA#40                 |
| R5F10EBEGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBEGNA#00                    |
| R5F10EBEGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBEGNA#40                    |
| R5F10EBEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBEGXXXNA#00                 |
| R5F10EBEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EBEGXXXNA#40                 |
| R5F10EGAANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAANA#00                    |
| R5F10EGAANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAANA#40                    |
| R5F10EGAAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAAXXXNA#00                 |
| R5F10EGAAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAAXXXNA#40                 |
| R5F10EGAGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAGNA#00                    |
| R5F10EGAGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAGNA#40                    |
| R5F10EGAGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAGXXXNA#00                 |
| R5F10EGAGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGAGXXXNA#40                 |
| R5F10EGCANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCANA#00                    |
| R5F10EGCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCANA#40                    |
| R5F10EGCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCAXXXNA#00                 |
| R5F10EGCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCAXXXNA#40                 |
| R5F10EGCGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCGNA#00                    |
| R5F10EGCGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCGNA#40                    |
| R5F10EGCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCGXXXNA#00                 |
| R5F10EGCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGCGXXXNA#40                 |
| R5F10EGDANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDANA#00                    |
| R5F10EGDANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDANA#40                    |
| R5F10EGDAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDAXXXNA#00                 |
| R5F10EGDAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDAXXXNA#40                 |
| R5F10EGDGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDGNA#00                    |
| R5F10EGDGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDGNA#40                    |
| R5F10EGDGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDGXXXNA#00                 |
| R5F10EGDGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGDGXXXNA#40                 |
| R5F10EGEANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGEANA#40                    |
| R5F10EGEAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGEAXXXNA#00                 |
| R5F10EGEAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGEAXXXNA#40                 |
| R5F10EGEGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGEGNA#40                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F10EGEGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGEGXXXNA#00                 |
| R5F10EGEGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10EGEGXXXNA#40                 |
| R5F10JBCANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JBCANA#00                    |
| R5F10JBCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JBCANA#40                    |
| R5F10JBCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JBCAXXXNA#00                 |
| R5F10JBCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JBCAXXXNA#40                 |
| R5F10JBCGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JBCGNA#40                    |
| R5F10JBCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JBCGXXXNA#00                 |
| R5F10JBCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JBCGXXXNA#40                 |
| R5F10JGCANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCANA#00                    |
| R5F10JGCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCANA#40                    |
| R5F10JGCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCAXXXNA#00                 |
| R5F10JGCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCAXXXNA#40                 |
| R5F10JGCGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCGNA#00                    |
| R5F10JGCGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCGNA#40                    |
| R5F10JGCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCGXXXNA#00                 |
| R5F10JGCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10JGCGXXXNA#40                 |
| R5F10KBCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KBCAXXXNA#00                 |
| R5F10KBCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KBCAXXXNA#40                 |
| R5F10KBCGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KBCGNA#00                    |
| R5F10KBCGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KBCGNA#40                    |
| R5F10KBCGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KBCGXXXNA#00                 |
| R5F10KBCGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KBCGXXXNA#40                 |
| R5F10KGCANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCANA#00                    |
| R5F10KGCANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCANA#40                    |
| R5F10KGCAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCAXXXNA#00                 |
| R5F10KGCAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCAXXXNA#40                 |
| R5F10KGCNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCNA#00                     |
| R5F10KGCNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCNA#40                     |
| R5F10KGCXXXNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCXXXNA#00                  |
| R5F10KGCXXXNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10KGCXXXNA#40                  |
| R5F10MMEDE00FB#30  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F10MPEDE01FB#30  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F10MPEDE04FB#50  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F10MPGDE00FB#30  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F10RLAANB#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLAANB#00                    |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F10RLAANB#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLAANB#40                    |
| R5F10RLAAXXXNB#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLAAXXXNB#00                 |
| R5F10RLAAXXXNB#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLAAXXXNB#40                 |
| R5F10RLAGNB#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLAGNB#40                    |
| R5F10RLAGXXXNB#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLAGXXXNB#00                 |
| R5F10RLAGXXXNB#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLAGXXXNB#40                 |
| R5F10RLCANB#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLCANB#00                    |
| R5F10RLCAXXXNB#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLCAXXXNB#00                 |
| R5F10RLCAXXXNB#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLCAXXXNB#40                 |
| R5F10RLCGNB#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLCGNB#00                    |
| R5F10RLCGNB#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLCGNB#40                    |
| R5F10RLCGXXXNB#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLCGXXXNB#00                 |
| R5F10RLCGXXXNB#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F10RLCGXXXNB#40                 |
| R5F10WMAG02FB#30   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F11778GNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11778GNA#00                    |
| R5F11778GNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11778GNA#40                    |
| R5F11778GXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11778GXXXNA#00                 |
| R5F11778GXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11778GXXXNA#40                 |
| R5F1177AGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1177AGXXXNA#00                 |
| R5F1177AGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F1177AGXXXNA#40                 |
| R5F11B7CANB#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7CANB#00                    |
| R5F11B7CAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7CAXXXNA#00                 |
| R5F11B7CAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7CAXXXNA#40                 |
| R5F11B7CGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7CGNA#40                    |
| R5F11B7CGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7CGXXXNA#00                 |
| R5F11B7CGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7CGXXXNA#40                 |
| R5F11B7EANA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EANA#00                    |
| R5F11B7EANA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EANA#40                    |
| R5F11B7EAXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EAXXXNA#00                 |
| R5F11B7EAXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EAXXXNA#40                 |
| R5F11B7EGNA#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EGNA#00                    |
| R5F11B7EGNA#W0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EGNA#40                    |
| R5F11B7EGXXXNA#U0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EGXXXNA#00                 |
| R5F11B7EGXXXNA#W0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | R5F11B7EGXXXNA#40                 |
| R5F1Z2MGJJ05FB#V0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F1ZFMGJJ05FB#X0  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F21184A49SP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F211A2C42SP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F211B3D88SP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F211B4D50SP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F2123AJFP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | RL78                              |
| R5F21244SD105FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21244SN076FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21248SN136FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21255SN519FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21255SN591FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21256SN620FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21257SN608FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21257SN613FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21257SN626FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21258SN631FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21274SN454FP#X6   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21276SN472FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21282SN705SP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21282SN710SP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21282SN742SP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21282SN744SP#WB   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21282SN745SP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21284K556SP#W4  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | RL78                              |
| R5F21284SN722SP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21294J805SP#W4Q   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         | RL78                              |
| R5F212K4SN074FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F212L4SN528FP#V2   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F21324DN310SP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G2MDXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G2MDXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G2MNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G2MNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G4MDXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G4MDXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G4MNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G4MNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |

| Exact Renesas Part # No other variation is being impacted. | Notice Issue Date | LTB / Withdrawn Date | LTS / Obsolete Date | Replacement / Similar / Re-Design |
|--|-------------------|----------------------|---------------------|-----------------------------------|
| R5F213G5CNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G5CNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G5MDXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G5MDXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G5MNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G5MNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G6MDXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G6MDXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G6MNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213G6MNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J2CNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J2CNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J2MDXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J2MDXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J2MNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J2MNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J4CNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J4CNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J4MDXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J4MDXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J4MNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J4MNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J5CNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J5CNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J5MDXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J5MDXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J5MNXXXNP#U0   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F213J5MNXXXNP#W4   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F2LA67AN424FA#30   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F2LA67AN425FA#30   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F2LA67AN426FA#30   | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F39105J550FP#VH  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F39105J599FP#VH  | 15-Jun-2022       | 31-Dec-2022          | 30-Jun-2023         |                                   |
| R5F51113ADFL#30  | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | R5F51113ADFL#3A                   |
| R5F51115ADFK#V0  | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | R5F51115ADFK#3A                   |
| R5F51115ADFL#30  | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | R5F51115ADFL#3A                   |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| R5F51115ADFL#V0   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51115ADFL#3A                      |
| R5F51115ADFM#30   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51115ADFM#3A                      |
| R5F51115ADFM#V0   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51115ADFM#3A                      |
| R5F51118ADFM#30   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51118ADFM#3A                      |
| R5F51135ADFP#30   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51135ADFP#3A                      |
| R5F51136ADFP#30   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51136ADFP#3A                      |
| R5F51137ADFP#30   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51137ADFP#3A                      |
| R5F51138ADLJ#30   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F51138ADLJ#2A                      |
| R5F571MLCDFP  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F571MLCDFP#30                      |
| R5F74965ANBG#G0   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | R5F572NDHDBD#20                      |
| R5H30315XB07NA01  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R7F0C901B2DNP-C#AA0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C901B2DNP-C#BC0                  |
| R7F0C901B2DNP-C#BA0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C901B2DNP-C#BC0                  |
| R7F0C901B2DNP-C#HA0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C901B2DNP-C#BC0                  |
| R7F0C902B2DNP-C#AA0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C902B2DNP-C#BC0                  |
| R7F0C902B2DNP-C#AA8   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C902B2DNP-C#BC0                  |
| R7F0C902B2DNP-C#AC8   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R7F0C902B2DNP-C#AC9   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R7F0C902B2DNP-C#BA0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C902B2DNP-C#BC0                  |
| R7F0C902B2DNP-C#BA8   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C902B2DNP-C#BC0                  |
| R7F0C902B2DNP-C#BA9   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C902B2DNP-C#BC0                  |
| R7F0C902B2DNP-C#BC8   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R7F0C902B2DNP-C#BC9   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| R7F0C902B2DNP-C#HA0   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | R7F0C902B2DNP-C#BC0                  |
| RAA305170GBM#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305300GBA#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305300GBA#HC1  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305300GBG#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305300GBM#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305300GBX#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305305GBG#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305305GBG#HC1  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305310GBM#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305320GBM#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305330GBG#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305360GBG#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| RAA305360GBG#HC1  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RAA305360GBM#HC0  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| RJK5020DPK-00#T0  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPA1914BP-E1  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPC1944GR-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPC1944T-E2-AZ                       |
| UPC1944GR-E2-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPC1944T-E2-AZ                       |
| UPD166024T1K-E1-AY  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD166026T1K-E1-AY  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD166028T1K-E1-AY  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD166030T1K-E1-AY  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD30133F1-266-GA3-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD66202F1-Y03-GN4-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66202F1-Y04-DN6-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66203F1-Y07-GN4-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66203GC-Y09-8EA-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66204F1-016-MNC-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66204F1-017-MNC-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66204F1-Y02-FN7-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66204F1-Y06-GN4-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66205F1-Y01-HN4-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66205F1-Y07-HN4-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66208F1-020-MN1-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66208F1-021-MN1-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66208F5-016-PND-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66210F1-017-MN1-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66210F1-018-MN1-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66212F1-Y00-ENL-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66213F1-Y02-FN7-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD66213GJ-Y00-UEN-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-108-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-118-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-120-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-121-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-122-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-123-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-125-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD703380GJA-126-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-129-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-133-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-134-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-135-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-142-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-143-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-145-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-146-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-150-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-152-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-153-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-156-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-157-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-158-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-159-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-160-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-161-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-162-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-165-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-166-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-167-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-169-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-170-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-173-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-174-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-176-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-177-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-179-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-181-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-183-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-186-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-187-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-190-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-191-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-195-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD703380GJA-196-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-197-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-199-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-202-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-207-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-208-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-209-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-210-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-213-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-214-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-215-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-217-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-218-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-219-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-220-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-221-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-224-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-225-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-226-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-228-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-230-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-231-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-232-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-233-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-237-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-238-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-239-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-241-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-242-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-243-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-246-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-247-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-248-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-249-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-252-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-253-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD703380GJA-254-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-255-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-260-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-261-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-262-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-263-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-264-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-266-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-269-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-270-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-272-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-273-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-274-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-275-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-278-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-279-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-282-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-283-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-287-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-288-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-290-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-292-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-293-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-294-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-295-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-298-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-299-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-303-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-304-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-305-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-306-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-307-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703380GJA-308-GAE-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703412GC(A2)-745-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703412GC(A2)-749-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD703412GC(A2)-779-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |

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|--|-------------------|----------------------|---------------------|-----------------------------------|
| UPD703412GC(A2)-793-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-795-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-796-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-797-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-901-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-902-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-903-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-904-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-905-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-914-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-921-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-922-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-925-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-926-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD703412GC(A2)-928-FAB-CAR-AX                             | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3380M1GJA2-GAE-AX                                    | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3381M1GJA-GAE-AX                                     | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3381M1GJA1-GAE-AX                                    | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA-GAE-E2-G-YT                                  | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA-GAE-G  | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA-GAE-X2-G                                     | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA-V02-GAE-G                                    | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA-V04-GAE-G                                    | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA9-GAE-Q-G                                     | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA9-V00-GAE-Q-G                                 | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA9-V01-GAE-Q-G                                 | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA9-V02-GAE-Q-G                                 | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA9-V03-GAE-Q-G                                 | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3522GJA9-V04-GAE-Q-G                                 | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3525GJA9-603-GAE-Q-G                                 | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3525GJA9-606-GBG-E3-Q-G                              | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         |                                   |
| UPD70F3525GJA9-GAE-G                                       | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | UPD70F3525GJA9-GAE-H              |
| UPD70F3525GJA9-GAE-X2-G                                    | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | UPD70F3525GJA9-GAE-H              |
| UPD70F3525GJA9-V01-GAE-G                                   | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | UPD70F3525GJA9-GAE-H              |
| UPD70F3525GJA9-V03-GAE-G                                   | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | UPD70F3525GJA9-GAE-H              |
| UPD70F3525GJA9-V04-GAE-G                                   | 15-Jun-2022       | 31-Dec-2022          | 31-Dec-2023         | UPD70F3525GJA9-GAE-H              |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD70F3526GJA9-GAE-G  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | UPD70F3526GJA9-GAE-Q-H               |
| UPD70F3526GJA9-GAE-X2-G                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | UPD70F3526GJA9-GAE-Q-H               |
| UPD70F3526GJA9-GAE-X3-G                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            | UPD70F3526GJA9-GAE-Q-H               |
| UPD70F3526GJA9-GBG-Q-G  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F3526GJA9-V01-GBG-Q-G                                    | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F3526GJA9-V01-GBG-X3-Q-G                                 | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F3558M2GM-GBK-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F3558M2GM-GBK-AX#YF                                      | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F3558M2GM-GBK-X3-AX                                      | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F3576GC-UEU-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F3585GJ-GAE-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F4012M1GD-FAD-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD70F4182K8-5B4-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-205-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-208-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-218-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-229-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-231-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-234-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-235-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-237-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-241-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-244-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-245-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-248-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-249-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-251-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-253-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-256-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-273-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-279-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-280-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-284-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-295-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-299-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-811-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD760061GC(A2)-819-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-829-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-833-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD760061GC(A2)-836-FAB-CAR-AX                                | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD76F0127GCA2-UEU-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD76F0130GJA-GAE-AX  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD76F0146GJ(A2)-GAE-CAR-AX                                   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD76F0153GCA1-UEU-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD76F0230GMA1-GBK-AX   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD78F0500AMC(A2)-CAB-AX                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500AMC(S)-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(A)-CAB-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMCA-CAB-G                 |
| UPD78F0500MC(A)-CAB-E1-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(A)-CAB-E1-QS-AX                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(A)-CAB-E2-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMCA-CAB-E2-G              |
| UPD78F0500MC(A)-CAB-E2-QS-AX                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(A)-CAB-QS-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(A)-CAB-X2-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMCA-CAB-G                 |
| UPD78F0500MC(A2)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMCA2-CAB-G                |
| UPD78F0500MC(A2)-CAB-E2-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(A2)-CAB-E2-QS-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(A2)-CAB-QS-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(R)-012-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMC(R)-XXX-CAB-E1-AX       |
| UPD78F0500MC(R)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMC(R)-CAB-AX              |
| UPD78F0500MC(R)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(R)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(S)-402-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(S)-405-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(S)-422-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMC(S)-XXX-CAB-AX          |
| UPD78F0500MC(S)-425-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(S)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMC(S)-CAB-AX              |
| UPD78F0500MC(S)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(S)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(S)-XXX-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(T)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMC-CAB-AX                 |
| UPD78F0500MC(T)-5A4-E2-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMC-CAB-AX                 |

| Exact Renesas Part # No other variation<br>is being impacted. | Notice Issue<br>Date | LTB / Withdrawn<br>Date | LTS / Obsolete<br>Date | Replacement / Similar /<br>Re-Design |
|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0500MC(T)-602-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(T)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(T)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC(T)-XXX-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMC-CAB-AX                 |
| UPD78F0500MC-XXX-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC-XXX-5A4-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MC-XXX-5A4-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MCA-V00-CAB-X1-QS-AX                                | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0500MCA-V01-CAB-X1-QS-AX                                | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501AMC(A)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMCA-CAB-G                 |
| UPD78F0501AMC(A)-CAB-X2-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMCA-CAB-G                 |
| UPD78F0501AMC(A2)-CAB-AX                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501AMCA-XXX-CAB-E2-C-G                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(A)-CAB-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMCA-CAB-G                 |
| UPD78F0501MC(A)-CAB-E1-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMCA-CAB-E1-G              |
| UPD78F0501MC(A)-CAB-E1-QS-AX                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(A)-CAB-E2-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMCA-CAB-E2-G              |
| UPD78F0501MC(A)-CAB-E2-QS-AX                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMCA-CAB-E2-Q-G            |
| UPD78F0501MC(A)-CAB-QS-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(A2)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(A2)-CAB-E2-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(A2)-CAB-E2-QS-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMCA2-CAB-E2-Q-G           |
| UPD78F0501MC(A2)-CAB-QS-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(R)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMC(R)-CAB-AX              |
| UPD78F0501MC(R)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-402-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-406-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-412-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-423-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-432-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-5A4-E2-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(S)-XXX-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(T)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMC-CAB-AX                 |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0501MC(T)-5A4-E1-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(T)-5A4-E2-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMC-CAB-E2-AX              |
| UPD78F0501MC(T)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(T)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC(T)-XXX-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMC-CAB-AX                 |
| UPD78F0501MC-5A4-E1-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0501AMC-CAB-E1-AX              |
| UPD78F0501MC-XXX-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC-XXX-5A4-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MC-XXX-5A4-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MCA-XXX-CAB-E1-Q-G                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MCA-XXX-CAB-E2-Q-G                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0501MCA-XXX-CAB-Q-G                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502AMC(A)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0500AMCA-CAB-G                 |
| UPD78F0502AMC(A2)-CAB-AX                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502AMC-XXX-5A4-E1-A                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(A)-CAB-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMCA-CAB-G                 |
| UPD78F0502MC(A)-CAB-E2-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMCA-CAB-E2-G              |
| UPD78F0502MC(A)-CAB-E2-QS-AX                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(A)-CAB-QS-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(A)-V00-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMCA-CAB-G                 |
| UPD78F0502MC(A)-V01-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMCA-CAB-G                 |
| UPD78F0502MC(A)-V02-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMCA-CAB-G                 |
| UPD78F0502MC(A)-V04-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMCA-CAB-G                 |
| UPD78F0502MC(A2)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(R)-011-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMC(R)-XXX-CAB-E1-AX       |
| UPD78F0502MC(R)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(S)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(S)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(S)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(S)-XXX-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC(T)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMC-CAB-AX                 |
| UPD78F0502MC(T)-5A4-E2-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMC-CAB-E2-AX              |
| UPD78F0502MC(T)-XXX-5A4-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC-XXX-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0502MC-XXX-5A4-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MC-XXX-5A4-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MCA-C10-CAB-E2-Q-G                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MCA-K01-CAB-E2-Q-G                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0502MCA-V05-CAB-X2-AX                                   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0502AMCA-CAB-G                 |
| UPD78F0502MCA-XXX-CAB-E2-Q-G                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503AMC(A)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA-CAB-G                 |
| UPD78F0503AMCA-C01-CAB-E2-C-G                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503AMCA-C04-CAB-E2-C-G                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503AMCA-C09-CAB-E2-C-G                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503AMCA-C10-CAB-E2-C-G                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503AMCA-CAB-C-G  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503AMCA-XXX-CAB-E2-C-G                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503DMC-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC(A)-CAB-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA-CAB-G                 |
| UPD78F0503MC(A)-CAB-E2-QS-AX                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA-CAB-E2-Q-G            |
| UPD78F0503MC(A)-CAB-QS-AX                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC(A)-V03-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA-CAB-G                 |
| UPD78F0503MC(A)-V04-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA-CAB-G                 |
| UPD78F0503MC(A2)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC(A2)-CAB-E2-QS-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC(R)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMC(R)-CAB-AX              |
| UPD78F0503MC(S)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMC(S)-CAB-AX              |
| UPD78F0503MC(S)-5A4-E1-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC(S)-XXX-5A4-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC(T)-5A4-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMC-CAB-AX                 |
| UPD78F0503MC(T)-5A4-E2-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMC-CAB-E2-AX              |
| UPD78F0503MC-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMC-CAB-AX                 |
| UPD78F0503MC-XXX-5A4-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC-XXX-5A4-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MC-XXX-5A4-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MCA-XXX-CAB-E1-Q-G                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MCA-XXX-CAB-E2-Q-G                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0503MCA-XXX-CAB-Q-G                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511AGB-8ES-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GA(S)-405-8EU-AT                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0511GA(S)-412-GAM-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GA(S)-417-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GA(S)-428-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GA(S)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GA(S)-XXX-8EU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GA(T)-8EU-E2-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GA(T)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(R)-XXX-UES-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(R)-XXX-UES-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(S)-424-UES-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(S)-XXX-UES-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(S)-XXX-UES-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(S)-XXX-UES-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(T)-XXX-UES-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(T)-XXX-UES-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB(T)-XXX-UES-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB-UES-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB-XXX-UES-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB-XXX-UES-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0511GB-XXX-UES-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GA(R)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GA(S)-426-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GA(S)-433-8EU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GA(S)-8EU-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GA(S)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GA(S)-XXX-8EU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GA(T)-8EU-E1-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(R)-XXX-UES-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(R)-XXX-UES-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(R)-XXX-UES-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(S)-UES-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(S)-XXX-UES-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(S)-XXX-UES-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(S)-XXX-UES-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(T)-XXX-UES-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB(T)-XXX-UES-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0512GB-XXX-UES-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB-XXX-UES-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0512GB-XXX-UES-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513AGA(S)-XXX-8EU-A                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513AGA-8EU-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513AGB-UES-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GA(S)-414-8EU-AT                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GA(S)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GA(S)-XXX-8EU-AT                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GA(S)-XXX-8EU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GA(S)-XXX-8EU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GA(T)-8EU-E1-AT                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GA(T)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513GB(R)-UES-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0513MC(S)-406-GAA-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0514AGA(S)-8EU-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0514GA(S)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0514GA(T)-XXX-8EU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0514GA(T)-XXX-8EU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0514GA(T)-XXX-8EU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0514GA-8EU-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0515GA(R)-8EU-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0515GA-XXX-8EU-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0515GA-XXX-8EU-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0515GA-XXX-8EU-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(R)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(R)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(S)-407-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(S)-XXX-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(S)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(S)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(T)-UET-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(T)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB(T)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB-UET-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB-XXX-UET-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0521GB-XXX-UET-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0521GB-XXX-UET-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(R)-011-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(R)-XXX-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(R)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(R)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(S)-UET-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(S)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(S)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(T)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB(T)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB-XXX-UET-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB-XXX-UET-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0522GB-XXX-UET-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB(R)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB(R)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB(S)-XXX-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB(S)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB(S)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB(T)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB(T)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB-XXX-UET-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB-XXX-UET-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0523GB-XXX-UET-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0525AGB-8ET-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0526AGB-8ET-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527AGB(S)-UET-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527AGB-8ET-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB(R)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB(R)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB(S)-XXX-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB(S)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB(S)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB(T)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB(T)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB-XXX-UET-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0527GB-XXX-UET-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0527GB-XXX-UET-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0532GB-UEU-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0533AGB(S)-404-UEU-A                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0533AGB(S)-XXX-UEU-A                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0533AGB-XXX-UEU-A                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0534GA(S)-XXX-9EV-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0534GA(T)-XXX-9EV-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0534GA(T)-XXX-9EV-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0534GB(T)-XXX-UEU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0534GB(T)-XXX-UEU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0534GB(T)-XXX-UEU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GB(S)-XXX-UEU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GB(S)-XXX-UEU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GB(S)-XXX-UEU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GB-XXX-UEU-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GB-XXX-UEU-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GB-XXX-UEU-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GK(R)-014-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GK(R)-XXX-UET-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GK(R)-XXX-UET-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0535GK(R)-XXX-UET-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0536GB(S)-403-UEU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0536GB(S)-XXX-UEU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0536GB(S)-XXX-UEU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0536GB(S)-XXX-UEU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(R)-XXX-UEU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(R)-XXX-UEU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(S)-UEU-A   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(S)-XXX-UEU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(S)-XXX-UEU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(S)-XXX-UEU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(T)-XXX-UEU-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(T)-XXX-UEU-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB(T)-XXX-UEU-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB-XXX-UEU-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

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|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD78F0537GB-XXX-UEU-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0537GB-XXX-UEU-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0547GC(T)-XXX-UBT-E1-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0547GC(T)-XXX-UBT-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0547GC-XXX-UBT-A  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0547GC-XXX-UBT-E1-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F0547GC-XXX-UBT-E2-A                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F1168AGC(S)-305-UEU-AX                                   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F1168AGC(S)-309-UEU-AX                                   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD78F1184AGJ(R)-012-GAE-AX                                   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0055MC(S)-XXX-5A4-E2-A                                  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0071GF(S)-GAS-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0073GF(S)-XXX-GAT-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0085MC(S)-403-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0085MC(S)-XXX-CAB-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0085MC(S)-XXX-CAB-E1-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0085MC(S)-XXX-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0087MC(A2)-CAB-E2-QS-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA2-XXX-CAB-E2-Q-G       |
| UPD79F0100MC-CAB-E2-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0101GA(A)-GAM-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0104F1S-303-AN9-E2-A                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0104F1S-305-AN9-E2-A                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0104F1S-306-AN9-E2-A                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0110MCA2-CAB-E2-Q-G                                     | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0112MC(A2)-CAB-AX                                       | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            | UPD78F0503AMCA2-CAB-G                |
| UPD79F0114MC(S)-401-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0114MC(S)-XXX-CAB-E2-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0121GK(A)-C05-GAK-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0121GK(A)-GAK-AX  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0121GK(A)-XXX-GAK-AX                                    | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F0129GA(A)-XXX-GAM-E1-AX                                 | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F7028GA(S)-GBT-AT  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD79F8513AGB-UES-AT  | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |
| UPD800253S1-011-F6-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD800253S1-011-F6-M1-A                                       | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD800800F1-021-HN2-M1-A                                      | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |

| Exact Renesas Part # No other variation<br>is being impacted. | Notice Issue<br>Date | LTB / Withdrawn<br>Date | LTS / Obsolete<br>Date | Replacement / Similar /<br>Re-Design |
|---|----------------------|-------------------------|------------------------|--------------------------------------|
| UPD808520GM-611-GAA-A   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD808524F1-611-MNF-A   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD812007F5-311-MNB-A   | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| UPD85066F1-612-MN2-A  | 15-Jun-2022          | 31-Dec-2022             | 31-Dec-2023            |                                      |
| V-C0156   | 15-Jun-2022          | 31-Dec-2022             | 30-Jun-2023            |                                      |