

RSTM4802R1 BOM LIST

Model No. : RSTM4802R1

Schematic No. : R12TU0106EJ

Date : 2020/11/11

No.	Reference	Description	Manufacturer	PartNumber	Qty
1	L1	Inductor	Würth Electronics	74404064331	1
2	C46, C47	Capacitor (C0603)	Murata	GRM033R61A103KA01D	2
3	C20, C25, C29	Capacitor (C0603)	Taiyo Yuden	EMK063BJ224KP-F	3
4	C17	Capacitor (C0603)	Murata	GRM0335C1H101GA01D	1
5	C7, C50, C51, C54, C55	Capacitor (C0603)	Murata	GRM033R71E102KA01D	5
6	C21, C26, C30	Capacitor (C0603)	Taiyo Yuden	UMK063B7471KP-F	3
7	C2, C3	Capacitor (C0603)	Murata	GRM0335C1H100JA01D	2
8	C5, C6, C8, C10, C11, C12, C14, C16, C18, C19, C27, C28, C34, C38, C49, C56,	Capacitor (C1005)	Murata	GRM155B31C104K	18
9	C63	Capacitor (C1005)	Murata	GRM155B31A474K	1
10	C23, C61	Capacitor (C1005)	Murata	GRM155B11E103K	2
11	C22	Capacitor (C1608)	TDK	CGA3E3X5R1E105K080AB	1
12	C24	Capacitor (C1005)	Murata	GRM155B11E682K	1
13	C1	Capacitor (C1608)	TDK	CGA4J2X7R2A104K125AA	1
14	C15	Capacitor (C1608)	TDK	C2012X7S2A105K125AE	1
15	C48, C59	Capacitor (C1608)	Murata	GRM188R61C106KAALD	2
16	R48	Resistor (R1005)	KOA	RK73H1ETTP4702F	1
17	C33, C37, C41, C45	Capacitor (C1608)	AVX	06035A221FAT2A	4
18	C39, C40, C42	Capacitor (C1608)	KEMET	C0603C332F5GACTU	3
19	C43, C44, C53	Capacitor (C1608)	AVX	06035A331FAT2A	3
20	C62	Capacitor (C1608)	TDK	CGA3E2C0G2A681J080AA	1
21	C52	Capacitor (C1608)	YAGEO	CC0603FRNPO9BN820	1

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No.	Reference	Description	Manufacturer	PartNumber	Qty
22	C32	Capacitor (C2012)	KEMET	C0805C334K3RACTU	1
23	C4	Capacitor (C2012)	TDK	CGA4J1X7R1E475K125AC	1
24	C31	Capacitor (C3225)	TDK	C3216X7R1E106K160AB	1
25	U3	Comparator	STMicroelectronics	TS332IQ2T	1
26	C13	Electrolytic capacitor	Nichicon	UHE1J330MED	1
27	U10	Gate driver	TI	DRV8844PWPR	1
28	D3	LED	Rohm	SML-310DTT86	1
29	U9	RDC IC	Renesas	RAA3064002GFP	1
30	U4	MCU	Renesas	R5F524TAADFM # 31	1
31	U7	Regulator	TI	LM5017SD/NOPB	1
32	U2	Transceiver	Renesas	ISL3156EIUZ-T7A	1
33	U5, U6	Schmitt Trigger Buffer	TI	SN74LVC3G17DCUR	2
34	U1	High-Side Current Sense Amplifier	Maxim	MAX4080TAUA+	1
35	D1, D4	Diode	Diodes Incorporated	SBRT20M60SP5-7	2
36	R47	Resistor (R0603)	Panasonic	ERJ1GE0R00C	1
37	R16, R17	Resistor (R0603)	Panasonic	ERJ1GNF22R0C	2
38	R51, R52, R55, R56	Resistor (R0603)	Rohm	MCR006YZPF1000	4
39	R10	Resistor (R1005)	KOA	RK73H1ETTP1200F	1
40	R22, R23, R26, R27, R32, R33	Resistor (R0603)	Kamaya	RMC1/20-331JPA	6
41	R1, R2, R4, R9, R41, R62	Resistor (R0603)	Rohm	MCR006YZPF1002	6
42	R3, R5, R7, R8, R18, R24, R25, R28, R29, R34, R35	Resistor (R0603)	Panasonic	ERJ1GEF4701C	11
43	R21, R57, R59	Resistor (R0603)	KOA	RK73B1HTTC474J	3
44	R36, R49	Resistor (R1005)	KOA	RK73H1ETTP1R00F	2
45	R14, R45	Resistor (R1005)	KOA	RK73H1ETTP1003F	2
46	R15, R31	Resistor (R1005)	KOA	RK73H1ETTP1002F	2
47	R11	Resistor (R1005)	KOA	RK73H1ETTP1005F	1

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No.	Reference	Description	Manufacturer	PartNumber	Qty
48	R40	Resistor (R1005)	KOA	RK73H1ETTP1502F	1
49	R43, R44	Resistor (R1005)	KOA	RK73H1ETTP2002F	2
50	R13	Resistor (R1005)	KOA	RK73H1ETTP2202F	1
51	R39	Resistor (R1005)	KOA	RK73H1ETTP2001F	1
52	R37, R38	Resistor (R1005)	KOA	RK73H1ETTP3901F	2
53	R12	Resistor (R1005)	KOA	RK73H1ETTP3302F	1
54	R60	Resistor (R1005)	Vishay	CRCW04024R70FKEDHP	1
55	R20, R42	Resistor (R1005)	KOA	RK73H1ETTP4701F	2
56	R50	Resistor (R1005)	KOA	RK73H1ETTP4302F	1
57	R19	Resistor (R1005)	KOA	RK73H1ETTP4702F	1
58	R30	Resistor (R1005)	KOA	RK73H1ETTP5102F	1
59	R46	Resistor (R1005)	KOA	RK73H1ETTP6801F	1
60	R54	Resistor (R1005)	KOA	RK73H1ETTP6202F	1
61	R61, R63, R64, R65	Resistor (R1608)	TE Connectivity	CPF0603B5R1E	4
62	R6	Resistor (R3216)	Panasonic	ERJ8BWFR020V	1
63	R53, R58	Resistor (R3216)	Panasonic	ERJ8CWFR050V	2
64	SW1	Switch	Alps	SKRPABE010	1
65	D2	Diode	ON Semiconductor	MBR0520LT1G	1
66	U8	Regulator	TI	UA78M05CDCY	1
67	X1	Xtal 20MHz	Epson	X1E000021058112	1
68	J3	Socket	Samtec	SLM-104-01-G-S	1
69	J2	Socket	Samtec	SLM-106-01-S-S	1

Unmounted

70	C9		-	-	-
71	J1		-	-	-

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No.	Reference	Description	Manufacturer	PartNumber	Qty
72	J4,J5,J6		-	-	-
73	TP1	Test pin	-	-	-
74	C35, C36	Capacitor (C0603)	-	-	-
75	C60	Capacitor (C1608)	-	-	-
76	A+, A-, B+, B-	Through hole	-	-	-
			-	-	-
			-	-	-
			-	-	-

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