

Product Advisory (PA)

Subject: Datasheet electrical characteristic and errata update for the listed HXT* Products

Publication Date: 11/6/2020

Effective Date: 11/6/2020

Revision Description:

Initial Release

Description of Change:

This notice is to inform you that the datasheets for the listed HXT* products have been updated to capture the following changes:

[1] Errata History section

Added an errata "GDPD and DPD must always be set to zero."

[2] Electrical Characteristics section

Updated VVH_Level_{min} from 1.65V to 2.05 V and VVL_Level_{min} from 1.15V to 1.55V".

Affected Product List:

HXT6104-DNT	HXT6112-DNT	HXT5004A-DNT
HXT6104-DNT/C	HXT6112-DNT/C	HXT5104A-DNT
HXT6104-DNT/D		

Reason for Change:

[1] DPD and GDPD malfunction. When DPD and GDPD set to 1, the device will have a reduced life time and result in no output currents. When DPD and GDPD set to 0, the device works normally.

[2] The maximum values of VVH_Level_{min} and VVL_Level_{min} are updated to align the datasheet with product characteristics.

Impact on Fit, Form, Function, Quality & Reliability:

No impact on Fit and Form. DPD and GDPD functions are removed by not setting to 1. No impact to Quality and Reliability.

Product Identification: Not Applicable

Qualification Status: Not Applicable

Sample Availability Date: 11/6/2020

Device Material Declaration: Available upon request

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Renesas within 30 days of the publication date.

For additional information regarding this notice, please contact idt-pcn@lm.renesas.com