

Product Advisory (PA)

Subject: Datasheet errata update for the listed HXT* parts

Publication Date: 7/30/2021

Effective Date: 7/30/2021

Revision Description:

Revision 1. The initial PA notice has been revised to add AUTOLDIS setting to the errata list.

Description of Change:

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

- “GDPD, all DPDx, uLDIS and LDIS must be always set to zero.”
- “BAx must be always set to ≥ 3 .”
- “AUTOLDIS must be always set to zero.”
- “LDIS is not functional in Analog modes” for HXT8204-DNG and HXT8212-DNG.

Affected Product List:

HXT8201-DNT	HXT8204-DNG
HXT8204-DNT	HXT8212-DNG
HXT8212-DNT	

Reason for Change:

Setting GDPD, DPDx, uLDIS or LDIS to “1” to power down the driver and laser, or setting AUTOLDIS to “1”, or setting BAx < “3” can result in laser bias drop over time.

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: 7/30/2021

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