

Dear Customer,

With this INFINEON Technologies Information Note we would like to inform you about the following

Datasheet adaptation of condition of parameter 4.2.4 IL(IS) “load current range for sense functionality”

Affecting products BTS50050-1EGA, BTS50060-1EGA, BTS50080-1EGA

N° 024/17

Datasheet update affecting products BTS50050-1EGA, BTS50060-1EGA, BTS50080-1EGA

► Products affected:	Sales Name	SP N°	OPN	Package
	BTS50050-1EGA	SP000410462	BTS500501EGAAUMA1	PG-DSO-12-16
	BTS50060-1EGA	SP000299539	BTS500601EGAAUMA1	PG-DSO-12-16
	BTS50080-1EGA	SP000410466	BTS500801EGAAUMA1	PG-DSO-12-16

► Detailed Change Information:

Subject: Datasheet adaptation of condition of parameter 4.2.4 IL(IS) “load current range for sense functionality” for
BTS50050-1EGA, BTS50060-1EGA, BTS50080-1EGA

Reason: Harmonization with kilis specification 7.5.5 kILIS “current sense ratio, static on condition” at IL=1.5A.
Harmonization of parameter symbols: renamed Vz,IS by VIS(CL).

Description:

Old

$I_{IS} - I_{IS(LH)} > 20\mu A$
 $I_{IS(lim)} > I_{IS}$
 $V_{bb} = V_{BB(nor)}$
 $V_{IN} = V_{DEN} = 5V$
 $V_{bIS} > 5V$

New

$I_{IS} - I_{IS(LH)} > 30\mu A$
 $I_{IS(lim)} > I_{IS}$
 $V_{bb} = V_{BB(nor)}$
 $V_{IN} = V_{DEN} = 5V$
 $V_{bIS} > 5V$

► Product Identification:

No change
Traceability will be ensured via lot and date code

► Impact of Change:

No change of product (neither of technology/package nor of chip design), only change of data sheet

► Attachments:

3_cip02417 Data Sheets

► Intended start of delivery:

15-June-2017

If you have any questions, please do not hesitate to contact your local Sales office.