



Power Integrations

5245 Hellyer Avenue
San Jose, CA 95138
U.S.A.
(408) 414-9200

PRODUCT/PROCESS CHANGE NOTIFICATION

Control No. PCN-13401

October 30, 2013

TYPE OF CHANGE: Design Manufacturing Other

This notification is provided in accordance with Power Integrations policy of major change notification. If you have any questions or need further assistance, please contact your regional Power Integrations sales office.

DESCRIPTION OF CHANGE(S):

Upgrade of the Moisture Sensitivity Level (MSL) from level 3 to level 1 of Power Integrations products in eSOP-12B package by changing the mold compound from Hitachi CEL-8240HF10GK to CEL-8240HF10NF2 and epoxy die attach adhesive from Ablestik 84-1LMISR4 to Ablestik 8600.

REASON FOR CHANGE(S):

Improvement in the customer's manufacturing flexibility by eliminating the current floor life restriction of 168 hours after opening the dry bag.

PRODUCTS AFFECTED:

All products in eSOP-12B listed in the table below.

Product Family	Part Numbers
* LinkSwitch™-III	LNK6408K
* LinkSwitch™-HP	LNK6664K, LNK6665K, LNK6764K
LinkSwitch™-PL	LNK457K, LNK458K, LNK460K
TOPSwitch™-JX	TOP264KG, TOP265KG, TOP266KG, TOP267KG, TOP268KG, TOP269KG, TOP270KG, TOP271KG
TinySwitch™-4	TNY284K, TNY285K, TNY286K, TNY287K, TNY288K, TNY289K, TNY290K

Note: All new products in eSOP-12B package subsequently released in the LinkSwitch™-III and LinkSwitch™-HP families will be qualified and released as MSL1.

QUALIFICATION STATUS:

Qualification is scheduled to be completed in Q4, 2013 and an update to this PCN will be published with the reliability data at that point.

CONFIDENTIAL

The information in this report contains confidential and proprietary information of Power Integrations and its manufacturing partners. By receiving this report, the customer agrees to use this information for the sole purpose of addressing the issues reviewed in this report and to keep the contents confidential. If it becomes necessary for the customer to disclose this information to a third party, a non-disclosure agreement, which provides reasonable and customary protection for the disclosed information, must be executed.

EFFECT ON CUSTOMER:

Products classified as MSL level 1 will no longer be shipped in dry bag, and there is unlimited floor life per the criteria for MSL level 1 classification defined in IPC-JEDEC J-STD-020.

EFFECTIVE DATE:

March 31st, 2014. This date is subject to change, but will not occur any earlier. Products assembled with the current production process will continue to be shipped after implementation of the above change until the supply of products before change is depleted.

SAMPLE AVAILABILITY:

Sample will be available 6 weeks from the date of request. Please send requests for samples within two weeks after receipt of this notification to the local Power Integrations sales office.

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