



PCN: V12-225A-475316-0A

Product Change Notice
THIS CHANGE AFFECTS HERMETIC OPTOCOUPERS ONLY

Issue Date: 17 October 2012
HOC225A
CAGE Code 50434

Change Type:

New IC, both detector and buffer
New LED
New Package: Increase the depth of package cavity. No change to external package dimensions.

Parts Affected:

Avago Part Number:

HCPL-7850 HCPL-7851
HCPL-7850#100 HCPL-7851#100
HCPL-7850#200 HCPL-7851#200
HCPL-7850#300 HCPL-7851#300

DSCC SMD:

ACPL-785E 5962-9755701HPC 5962-9755701EPC
ACPL-785E-200 5962-9755701HYC 5962-9755701EPA
5962-9755701HPA
5962-9755701HXA
5962-9755701HYA

Description and Extent of Change:

Avago Technologies is superseding previous PCN# V11-224A-475316-0A with this new PCN to encompass all changes made to these products. Currently qualifying a new vendor for the detector driver, buffer die and LED utilized in the above products. In order to accommodate die changes, some minor package changes were made also, however no change in package vendor. Once these qualifications have been successfully completed and approved, the new IC and Buffer, LED and package will replace the current.

Correction: There will be a slight Data Sheet Change. Test parameter IDD2 current max limit is 14.5mA and will change to new max limit of 17mA.

Reasons for Change:

Reason for Change:
New IC, both detector and buffer: Current vendor no longer supplies.
New LED: To optimize product performance with the new detector and buffer.
New Package: Increase the depth of package cavity. No change to external package dimensions.

Effective Date of Change:

Date of Change: Date Code 1231
Controls are in place to assure traceability of the IC to the appropriate supplier for all products affected.
GIDEP Product Change Notice, Document JL8-C-12-0003A, reflecting this change was published and posted in September 2012. Please contact Debbi Beauchesne at 408-435-4143 or debbi.beauchesne@avagotech.com if there are any questions or concerns.

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