Avago
TECHNOLOGIES

PCN: V12-225-475316-0A

Product Change Notice
THIS CHANGE AFFECTS HERMETIC OPTOCOUPLERS ONLY

Issue Date: 29 August 2012
HOC225
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:			DSCC SMD:	
HCPL-7850	HCPL-7851	ACPL-785E	5962-9755701HPC	5962-9755701EPC
HCPL-7850#100	HCPL-7851#100	ACPL-785E-200	5962-9755701HYC	5962-9755701EPA
HCPL-7850#200	HCPL-7851#200		5962-9755701HPA	
HCPL-7850#300	HCPL-7851#300		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.

There are no data sheet parameters affected by this change.

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-12-0003, reflecting this change was published and posted in August 2012. Please contact Debbi Beauchesne at 408-435-4143 or debbi.beauchesne@avagotech.com if there are any questions or concerns.

Shelley A. Sinclair
Product Line Manager

Ah Chee Neo
Quality Assurance Manager