

Product Change Notice

Issue Date: 03 Apr 2014

Change Type:

1. IC wafer size increase
2. Product specification upgrade

Parts Affected:

ACPL-785J	HCPL-788J
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All associated options and specials will also be affected. See Appendix for full part number list.

Description and Extent of Change:

1. Subcontractor wafer fabrication transfers from 5-inch wafer fab to 8-inch wafer fab.
2. Absolute Maximum Rating for Operating Temperature, T_A , upgrade from 100°C to 105°C.

Operating Temperature, T_A	Max.	Unit
Current Specification	100	°C
New Specification	105	°C

Reasons for Change:

1. 5-inch wafer fabrication equipment obsolescence by IC wafer subcontractor.
2. The datasheet electrical specifications are adjusted to reflect the product and process true performance.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

The device specification will remain the same, which will ensure product electrical performance remains the same. Appropriate electrical characterization and reliability qualification have been performed on representative products to insure normal parametric distribution, consistent electrical performance, and reliability.

No change is required in customer's existing application to use the parts with these changes.

Effective Date of Change:

Product shipments using this change will begin with date-code starting from 1424 (yyww).

Timing of shipment of the changed part will vary by part number depending on qualification completion, customer demand, and inventory levels.

Qualification Data:

Qualification data has been generated and approved.

These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure: Change Control and Customer Notification, A-5962-6052-80.

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.

Appendix 1:

Full affected part number list and options.

Affected Part Number	Part Description
ACPL-785J-000E	Smart Current Sensor,LF
ACPL-785J-060E	Smart Current Sensor,LF
ACPL-785J-500E	Smart Current Sensor,T/R+LF
ACPL-785J-560E	Smart Current Sensor,T/R+LF
HCPL-788J	Smart Current Sensor
HCPL-788J#500	Smart Current Sensor,T/R
HCPL-788J-000E	Smart Current Sensor,LF
HCPL-788J-500E	Smart Current Sensor,T/R+LF
HCPL-788J-50RE	Smart Current Sensor,T/R+LF
QCPL-789J	Plastic Optocoupler
QCPL-789J#500	Plastic Optocoupler
QCPL-789J-500E	Plastic Optocoupler
QCPL-789J-500NE	Plastic Optocoupler