



PCN: V15-004-32002150-0A

Product Change Notice

Issue Date: 5 March 2015

Change Type:

Product specification upgrade

Parts Affected:

ACPL-330J	ACPL-331J	ACPL-332J	ACPL-333J	ACPL-785J
ACPL-796H	ACPL-796J	ACPL-796M	HCPL-314J	HCPL-315J
HCPL-316J	HCPL-786J	HCPL-788J	QCPL-310J	QCPL-321J
QCPL-322J	QCPL-324J	QCPL-325J	QCPL-327J	QCPL-789J

All associated options and specials will also be affected. See Appendix for full part number list.

Description and Extent of Change:

Maximum Working Insulation Voltage (V_{IORM}) will be upgraded from 1230V_{peak} to 1414V_{peak}.

Maximum Working Insulation Voltage	Symbol	Characteristic	Unit
Current Specification	V_{IORM}	1230	V _{peak}
New Specification	V_{IORM}	1414	V _{peak}

Reasons for Change:

These parts are tested to higher insulation voltages to reflect package capability and allow customers to benefit from the upgraded V_{IORM} .

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

No changes have been made to the product design and manufacturing process. Appropriate electrical characterization and reliability qualification will be performed on representative products to ensure normal parametric distribution, consistent electrical performance, and reliability.

Effective Date of Change:

Implementation of the new specification testing will be effective from product date code 1509 (yyww).

Qualification Data:

Regulatory approval from DIN EN 60747-5-5 has been obtained.

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:

Affected Part Number	Description
ACPL-330J-000E	Plastic Optocoupler Leadfree
ACPL-330J-000ME	Plastic Optocoupler Leadfree
ACPL-330J-500E	Plastic Optocoupler Leadfree
ACPL-330J-500ME	Plastic Optocoupler Leadfree
ACPL-331J-000E	Plastic Optocoupler, Lead Free
ACPL-331J-500E	Plastic Optocoupler LeadFree
ACPL-331J-500ME	Plastic Optocoupler LeadFree
ACPL-332J-000E	Plastic Optocoupler Leadfree
ACPL-332J-000ME	Plastic Optocoupler Leadfree
ACPL-332J-500E	Plastic Optocoupler, Leadfree
ACPL-332J-500ME	Plastic Optocoupler, Leadfree
ACPL-333J-000E	Plastic Optocoupler Leadfree
ACPL-333J-000ME	Plastic Optocoupler Leadfree
ACPL-333J-500E	Plastic Optocoupler Leadfree
ACPL-333J-50ME	Plastic Optocoupler Leadfree
ACPL-785J-000E	Smart Current Sensor,LF
ACPL-785J-000ME	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
ACPL-796H-000E	Isolated Sigma-Delta Modulator, LF
ACPL-796H-500E	Isolated Sigma-Delta Mod, T/R+LF
ACPL-796J-000E	Isolated Sigma-Delta Modulator, LF
ACPL-796J-060E	Isolated Sigma-Delta Mod, IEC+LF
ACPL-796J-060ME	Isolated Sigma-Delta Mod, IEC+LF
ACPL-796J-500E	Isolated Sigma-Delta Mod, T/R+LF
ACPL-796J-560E	Isolated Sigma-Delta Mod,TR+IEC+LF
ACPL-796J-560ME	Isolated Sigma-Delta Mod, T/R+LF
HCPL-314J	Gate Drive Optocoupler
HCPL-314J#500	Gate Drive Optocoupler, T/R
HCPL-314J-000E	Gate Drive Optocoupler,LF
HCPL-314J-000ME	Gate Drive Optocoupler,LF
HCPL-314J-500E	Gate Drive Optocoupler,T/R+LF
HCPL-314J-500ME	Gate Drive Optocoupler,T/R+LF
HCPL-314J-50GE	Gate Drive Optocoupler,TR,2XANL
HCPL-314J-50RE	Gate Drive Optocoupler,T/R+LF
ACPL-796M-560E	Isolated Sigma-Delta Mod,TR+IEC+LF

Affected Part Number	Description
HCPL-315J	Gate Drive Optocoupler
HCPL-315J#500	Gate Drive Optocoupler,T/R
HCPL-315J-000E	Gate Drive Optocoupler,LF
HCPL-315J-000ME	Gate Drive Optocoupler,LF
HCPL-315J-500E	Gate Drive Optocoupler,T/R+LF
HCPL-316J	Gate Drive Optocoupler
HCPL-316J#500	Gate Drive Optocoupler,T/R
HCPL-316J-000E	Gate Drive Optocoupler,LF
HCPL-316J-000ME	Gate Drive Optocoupler,LF
HCPL-316J-500E	Gate Drive Optocoupler,T/R+LF
HCPL-316J-500ME	Gate Drive Optocoupler,T/R+LF
HCPL-316J-50GE	Gate Drive Optocoupler,TR,2XANL
HCPL-316J-50RE	Gate Drive Optocoupler,T/R+LF
HCPL-786J	Isolated Modulator
HCPL-786J#500	Isolated Modulator,T/R
HCPL-786J-000E	Isolated Modulator,LF
HCPL-786J-500E	Isolated Modulator,T/R+LF
HCPL-786J-500ME	Isolated Modulator,T/R+LF
HCPL-786J-50RE	Isolated Modulator,T/R+LF
HCPL-786J-50SE	Isolated Modulator,T/R+LF+5RL
HCPL-788J	Smart Current Sensor
HCPL-788J#500	Smart Current Sensor,T/R
HCPL-788J-000E	Smart Current Sensor,LF
HCPL-788J-000ME	Smart Current Sensor,LF
HCPL-788J-500E	Smart Current Sensor,T/R+LF
HCPL-788J-500ME	Smart Current Sensor,T/R+LF
HCPL-788J-50RE	Smart Current Sensor,T/R+LF
QCPL-310J-500	Plastic Optocoupler
QCPL-310J-500E	Plastic Optocoupler,LF
QCPL-321J#500	Plastic Optocoupler
QCPL-321J-500E	Plastic Optocoupler,LF
QCPL-322J-500	Plastic Optocoupler
QCPL-322J-500E	Plastic Optocoupler, LF
QCPL-324J-500E	Plastic Optocoupler Leadfree
QCPL-325J-000E	Plastic Optocoupler LeadFree
QCPL-325J-500E	Plastic optocoupler, Lead Free
QCPL-327J-500E	Plastic Optocoupler Leadfree
QCPL-789J	Plastic Optocoupler
QCPL-789J#500	Plastic Optocoupler
QCPL-789J-500E	Plastic Optocoupler
QCPL-789J-500ME	Plastic Optocoupler