



PCN: V08-002-32002150-0B

Product Change Notice

Revision B, Issue Date: Jan 28, 2009

Change Type:

Major: IC change.

Parts Affected:

HCPL-7800, HCPL-7800A, HCPL-7840

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

Description and Extent of Change:

Minor modification on existing IC.

Reasons for Change:

To improve product robustness.

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

There is minor modification on existing IC. There is no change to the product physical fit/form, insulation/isolation specifications or the electrical specifications. There is no impact to customer's quality and reliability.

Effective Date of Change:

Product shipments using this change will begin with datecode starting from 0901.

Qualification Data:

Appropriate qualification data for the new IC has been generated.

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

Part Number with options	Part Description
HCPL-7800	Isolation Current Amplifier
HCPL-7800#00Y	Isolation Current Amplifier
HCPL-7800#300	Isolation Current Amplifier,SMD
HCPL-7800#500	Isolation Current Amplifier,T/R
HCPL-7800#50Y	Isolation Current Amplifier
HCPL-7800-000E	Isolation Current Amp,LF
HCPL-7800-00YE	Isolation Current Amplifier
HCPL-7800-300E	Isolation Current Amp,SMD+LF
HCPL-7800-30GE	Isolation Current Amp,SMD,2XANL
HCPL-7800-500E	Isolation Current Amp,T/R+LF
HCPL-7800-50YE	Isolation Current Amp
HCPL-7800A	Isolation Current Amplifier
HCPL-7800A#00Y	Isolation Current Amplifier
HCPL-7800A#300	Isolation Current Amplifier,SMD
HCPL-7800A#500	Isolation Current Amplifier,T/R
HCPL-7800A#50Y	Isolation Current Amplifier
HCPL-7800A-000E	Isolation Current Amp,LF
HCPL-7800A-00YE	Isolation Current Amp
HCPL-7800A-300E	Isolation Current Amp,SMD+LF
HCPL-7800A-30GE	Isolation Current Amp,SMD,2XANL
HCPL-7800A-500E	Isolation Current Amp,T/R+LF
HCPL-7800A-50YE	Isolation Current Amp
HCPL-7840	Isolation Current Amplifier
HCPL-7840#00Y	Isolation Current Amplifier
HCPL-7840#060	Isolation Current Amplifier,VDE
HCPL-7840#06Y	Isolation Current Amplifier
HCPL-7840#300	Isolation Current Amplifier,SMD
HCPL-7840#360	Isolation Current Amp,SMD+VDE
HCPL-7840#36Y	Isolation Current Amplifier
HCPL-7840#500	Isolation Current Amplifier,T/R
HCPL-7840#50Y	Isolation Current Amplifier
HCPL-7840#560	Isolation Current Amp,T/R+VDE
HCPL-7840#56Y	Isolation Current Amplifier
HCPL-7840-000E	Isolation Current Amp,LF
HCPL-7840-00YE	Isolation Current Amplifier, LF
HCPL-7840-060E	Isolation Amp,IEC+LF
HCPL-7840-06YE	Isolation Current Amplifier, LF
HCPL-7840-300E	Isolation Current Amplifier,SMD+LF
HCPL-7840-30GE	Isolation Current Amp,SMD,2XANL
HCPL-7840-360E	Isolation Amp,SMD+IEC+LF
HCPL-7840-36YE	Isolation Current Amplifier, LF
HCPL-7840-500E	Isolation Current Amp,T/R+LF
HCPL-7840-50YE	Isolation Current Amplifier
HCPL-7840-560E	Isolation Amplifier,T/R+IEC+LF
HCPL-7840-56YE	Isolation Current Amplifier, LF
QCPL-7841	Plastic Optocoupler
QCPL-7841#360	Plastic Optocoupler
QCPL-7841-000E	Plastic Optocoupler,LF
QCPL-7842	Plastic Optocoupler
QCPL-7842#500	Plastic Optocoupler
QCPL-7842-500E	Plastic Optocoupler,LF
QCPL-7843-500	Plastic Optocoupler
QCPL-7843-500E	Plastic Optocoupler,LF
QCPL-7813-500E	Plastic Optocoupler,LF