



PCN: V08-002-32002150-0A

Product Change Notice

Revision A, Issue Date: Mar 15, 2008

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 0825.

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 |