



PCN: V10-002-32002150-0A

Product Change Notice

Issue Date: 29 Jun 2010

Change Type:

Increase wafer size

Parts Affected:

HCPL-7800	HCPL-7800A	HCPL-7840
ACPL-C780	ACPL-C784	ACPL-C78A

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

Description and Extent of Change:

Migration from 5-inch to 8-inch IC wafer fab.

Reasons for Change:

5-inch wafer fab equipment obsolescence by IC wafer vendor.

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.

Effective Date of Change:

Product shipments using this change will begin with date-code starting from 1038 (yyww). However, timing of shipment of 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

Part Number	Part Description
ACPL-C780-000E	Isolation Amplifier,LF
ACPL-C780-060E	Isolation Amplifier,IEC+LF
ACPL-C780-500E	Isolation Amplifier,T/R+LF
ACPL-C780-560E	Isolation Amplifier,T/R+IEC+LF
ACPL-C784-000E	Isolation Amplifier,LF
ACPL-C784-060E	Isolation Amplifier,IEC+LF
ACPL-C784-500E	Isolation Amplifier,T/R+LF
ACPL-C784-560E	Isolation Amplifier,T/R+IEC+LF
ACPL-C78A-000E	Isolation Amplifier,LF
ACPL-C78A-060E	Isolation Amplifier,IEC+LF
ACPL-C78A-500E	Isolation Amplifier,T/R+LF
ACPL-C78A-560E	Isolation Amplifier,T/R+IEC+LF
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-7800-000N	Isolation Current Amplifier
HCPL-7800-000NE	Isolation Current Amp,LF
HCPL-7800-00YE	Isolation Current Amplifier
HCPL-7800-00YME	Isolation Current Amplifier
HCPL-7800-00YN	Isolation Current Amplifier
HCPL-7800-00YNE	Isolation Current Amplifier
HCPL-7800-300E	Isolation Current Amp,SMD+LF
HCPL-7800-300N	Isolation Current Amplifier,SMD
HCPL-7800-300NE	Isolation Current Amp,SMD+LF
HCPL-7800-30GE	Isolation Current Amp,SMD,2XANL
HCPL-7800-30GNE	Isolation Current Amp,SMD,2XANL
HCPL-7800-500E	Isolation Current Amp,T/R+LF
HCPL-7800-500N	Isolation Current Amplifier,T/R
HCPL-7800-500NE	Isolation Current Amp,T/R+LF
HCPL-7800-50YE	Isolation Current Amp
HCPL-7800-50YME	Isolation Current Amplifier
HCPL-7800-50YN	Isolation Current Amplifier
HCPL-7800-50YNE	Isolation Current Amp
HCPL-7800-5FYE	Isolation Current Amplifier,T/R+LF
HCPL-7800-5FYNE	Isolation Current Amplifier,T/R+LF
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-000N	Isolation Current Amplifier
HCPL-7800A-000NE	Isolation Current Amp,LF
HCPL-7800A-00YE	Isolation Current Amp
HCPL-7800A-00YN	Isolation Current Amplifier
HCPL-7800A-00YNE	Isolation Current Amp
HCPL-7800A-300E	Isolation Current Amp,SMD+LF
HCPL-7800A-300N	Isolation Current Amplifier,SMD
HCPL-7800A-300NE	Isolation Current Amp,SMD+LF
HCPL-7800A-30GE	Isolation Current Amp,SMD,2XANL

Part Number	Part Description
HCPL-7800A-30GNE	Isolation Current Amp,SMD,2XANL
HCPL-7800A-500E	Isolation Current Amp,T/R+LF
HCPL-7800A-500N	Isolation Current Amplifier,T/R
HCPL-7800A-500NE	Isolation Current Amp,T/R+LF
HCPL-7800A-50YE	Isolation Current Amp
HCPL-7800A-50YM	Isolation Current Amplifier
HCPL-7800A-50YME	Isolation Current Amp,T/R+LF
HCPL-7800A-50YN	Isolation Current Amplifier
HCPL-7800A-50YNE	Isolation Current Amp
HCPL-7800A-5FYE	Isolation Current Amplifier,T/R+LF
HCPL-7800A-5FYNE	Isolation Current Amplifier,T/R+LF
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-7840-000N	Isolation Current Amplifier
HCPL-7840-000NE	Isolation Current Amp,LF
HCPL-7840-00YE	Isolation Current Amplifier, LF
HCPL-7840-00YN	Isolation Current Amplifier
HCPL-7840-00YNE	Isolation Current Amplifier, LF
HCPL-7840-060E	Isolation Amp,IEC+LF
HCPL-7840-060N	Isolation Current Amplifier,VDE
HCPL-7840-060NE	Isolation Amp,IEC+LF
HCPL-7840-06YE	Isolation Current Amplifier, LF
HCPL-7840-06YN	Isolation Current Amplifier
HCPL-7840-06YNE	Isolation Current Amplifier, LF
HCPL-7840-300E	Isolation Current Amplifier,SMD+LF
HCPL-7840-300N	Isolation Current Amplifier,SMD
HCPL-7840-300NE	Isolation Current Amplifier,SMD+LF
HCPL-7840-30GE	Isolation Current Amp,SMD,2XANL
HCPL-7840-30GNE	Isolation Current Amp,SMD,2XANL
HCPL-7840-360E	Isolation Amp,SMD+IEC+LF
HCPL-7840-360N	Isolation Current Amp,SMD+VDE
HCPL-7840-360NE	Isolation Amp,SMD+IEC+LF
HCPL-7840-36YE	Isolation Current Amplifier, LF
HCPL-7840-36YN	Isolation Current Amplifier
HCPL-7840-36YNE	Isolation Current Amplifier, LF
HCPL-7840-500E	Isolation Current Amp,T/R+LF
HCPL-7840-500N	Isolation Current Amplifier,T/R
HCPL-7840-500NE	Isolation Current Amp,T/R+LF
HCPL-7840-50YE	Isolation Current Amplifier
HCPL-7840-50YM	Isolation Current Amplifier,T/R
HCPL-7840-50YME	Isolation Current Amp,T/R+LF
HCPL-7840-50YN	Isolation Current Amplifier
HCPL-7840-50YNE	Isolation Current Amplifier

Part Number	Part Description
HCPL-7840-560E	Isolation Amplifier,T/R+IEC+LF
HCPL-7840-560N	Isolation Current Amp,T/R+VDE
HCPL-7840-560NE	Isolation Amplifier,T/R+IEC+LF
HCPL-7840-56RE	Isolation Amplifier,T/R+IEC+LF
HCPL-7840-56YE	Isolation Current Amplifier, LF
HCPL-7840-56YN	Isolation Current Amplifier
HCPL-7840-56YNE	Isolation Current Amplifier, LF
QCPL-7801-5FYE	Isolation Current Amplifier,T/R+LF
QCPL-7813-500E	Plastic Optocoupler,LF
QCPL-7813-500NE	Plastic Optocoupler,LF
QCPL-7841	Plastic Optocoupler
QCPL-7841#360	Plastic Optocoupler
QCPL-7841-000E	Plastic Optocoupler,LF

Part Number	Part Description
QCPL-7841-000N	Plastic Optocoupler
QCPL-7841-000NE	Plastic Optocoupler,LF
QCPL-7841-360N	Plastic Optocoupler
QCPL-7842	Plastic Optocoupler
QCPL-7842#500	Plastic Optocoupler
QCPL-7842-000N	Plastic Optocoupler
QCPL-7842-500E	Plastic Optocoupler,LF
QCPL-7842-500N	Plastic Optocoupler
QCPL-7842-500NE	Plastic Optocoupler,LF
QCPL-7843-500	Plastic Optocoupler
QCPL-7843-500E	Plastic Optocoupler,LF
QCPL-7843-500N	Plastic Optocoupler
QCPL-7843-500NE	Plastic Optocoupler,LF