



PCN: V12-005- 32002150-0A

## Product Change Notice

Issue Date: 20 July 2012

### Change Type:

IC change.

### Parts Affected:

ACPL-C797-000E	ACPL-C797-500E	ACPL-7970-000E	ACPL-7970-300E	ACPL-7970-500E
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### Description and Extent of Change:

1. Change in IC.
2. Consolidation and Optimization of IC wafers.

### Reasons for Change:

Product Improvement & Optimization.

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

1. Change in Offset Drift versus Temperature.

Part Number	Offset Drift vs. Temperature	Units	Min	Typ	Max	Test Conditions
ACPL-C797	Current Specification	$\mu\text{V}/^\circ\text{C}$		1.5	4.5	Vdd1 = 5V
	New Specification	$\mu\text{V}/^\circ\text{C}$		1	3.5	
ACPL-7970	Current Specification	$\mu\text{V}/^\circ\text{C}$		2.5	7	Vdd1 = 5V
	New Specification	$\mu\text{V}/^\circ\text{C}$		2	6	

2. Change in Offset Drift versus Vdd1.

Part Number	Offset Drift vs. Vdd1	Units	Min	Typ	Max	Test Conditions
ACPL-C797	Current Specification	$\mu\text{V}/\text{V}$		250		
	New Specification	$\mu\text{V}/\text{V}$		200		
ACPL-7970	Current Specification	$\mu\text{V}/\text{V}$		120		
	New Specification	$\mu\text{V}/\text{V}$		220		

Appropriate electrical characterization and reliability qualification will be performed on representative products to insure consistent electrical performance, and reliability. Final changes will be reflected in the datasheets after completion of electrical characterization.

### Effective Date of Change:

Product shipments using this change will begin on from product datecode 1236 [YYWW].

### Qualification Data:

Qualification data is currently being generated for approval. These changes will be reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure.

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.