



**PCN: V07-001-32002150-0A**

## Product Change Notice

Issue Date: 01032007

**Change Type:**

Improved High Voltage Common Mode Rejection (HVCMR) specification

**Parts Affected:**

HCNW137	HCPL-2630	HCPL-0661	6N136
HCNW-2601	HCPL-2631	HCPL-0600	6N135
HCNW-2611	HCPL-4661	HCPL-0601	
HCPL-2601	HCPL-0630	HCPL-0611	
HCPL-2611	HCPL-0631	6N137	

All special part numbers and associated options will also be affected

**Description and Extent of Change:**

High Voltage Common Mode Rejection (HVCMR) Upgrades

Part Numbers	Current CMR <sub>min.</sub> specification	New CMR <sub>min.</sub> upgrades
<b>10MBd parts</b>		
HCNW137	No specification	<b>5KV/μs @ 1KV</b>
HCNW2601	5KV/us @ 50V	<b>10KV/μs @ 1KV</b>
HCNW2611	10KV/us @ 1KV	<b>15KV/μs @ 1KV</b>
6N137	No specs.	<b>1KV/us @ 10V</b>
HCPL-2601	5KV/us @ 50V	<b>10KV/μs @ 1KV</b>
HCPL-2611	10KV/us @ 1KV	<b>15KV/μs @ 1KV</b>
HCPL-2630	No specification	<b>5KV/μs @ 1KV</b>
HCPL-2631	5KV/us @ 50V	<b>10KV/μs @ 1KV</b>
HCPL-4661	10KV/us @ 1KV	<b>15KV/μs @ 1KV</b>
HCPL-0630	No specification	<b>5KV/μs @ 1KV</b>
HCPL-0631	5KV/us @ 50V	<b>10KV/μs @ 1KV</b>
HCPL-0661	10KV/us @ 1KV	<b>15KV/μs @ 1KV</b>
HCPL-0600	No specification	<b>5KV/μs @ 1KV</b>
HCPL-0601	5KV/us @ 50V	<b>10KV/μs @ 1KV</b>
HCPL-0611	10KV/us @ 1KV	<b>15KV/μs @ 1KV</b>
<b>1MBd parts</b>		
6N135	No specification	<b>1KV/μs @ 10V</b>
6N136	No specification	<b>1KV/μs @ 10V</b>

**Reasons for Change:**

CMR specification improvement to meet customer requirements

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

There will not be any form-fit or electrical performance changes. Both quality and reliability of the affected parts are assured

**Effective Date of Change:**

Product shipments using this change will begin with datecode starting from 0722. However, timing of shipment of changed part will vary by part number depending on qualification completion, customer demand and inventory levels. The First-In-First-Out (FIFO) Inventory Methodologies will still apply to this PCN.

**Qualification Data:**

Appropriate qualification data is available

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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.