

Product Change Notice

Issue Date: 24 Sept 2010

Change Type:

Change of existing ASIC supplier's wafer fabrication location.

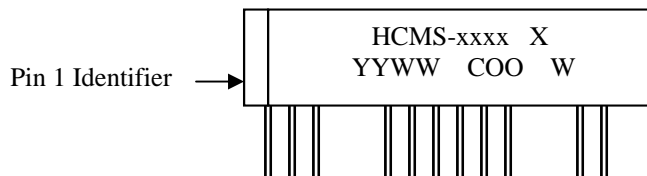
Parts Affected:

HCMS-2901	HCMS-2961	QCMS-2909	HCMS-3901	HCMS-3961
HCMS-2902	HCMS-2962	QCMS-2929	HCMS-3902	HCMS-3962
HCMS-2903	HCMS-2963	QCMS-2946	HCMS-3903	HCMS-3963
HCMS-2904	HCMS-2964	QCMS-2997	HCMS-3904	HCMS-3964
HCMS-2905	HCMS-2965	QCMS-2930	HCMS-3906	HCMS-3966
HCMS-2911	HCMS-2971	QCMS-2898	HCMS-3907	HCMS-3967
HCMS-2912	HCMS-2972	QCMS-2999	HCMS-3911	HCMS-3971
HCMS-2913	HCMS-2973	QCMS-2945	HCMS-3912	HCMS-3972
HCMS-2914	HCMS-2974	QCMS-2899	HCMS-3913	HCMS-3973
HCMS-2915	HCMS-2975	QCMS-2846	HCMS-3914	HCMS-3974
HCMS-2921	HCMS-2975-HJ000		HCMS-3916	HCMS-3976
HCMS-2922	HCMS-2819		HCMS-3917	HCMS-3977
HCMS-2923				
HCMS-2924				
HCMS-2925				

Description and Extent of Change:

The ASIC from new location will have similar electrical, functionality and performance as the current fabrication facility. No change in the ASIC design.

The display with the change will be marked with 'W'.



YYWW = date code (yr./workweek)
COO = Country of Origin
X = Intensity category
W = ASIC from new fabrication location

Reasons for Change:

Discontinuance of the current ASIC fabrication location.

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

There is no change to the Fit, Form and Function of the above products. The product has been qualified through Avago Technologies stringent qualification procedures. Initial reliability assessment showed no difference with the current ASIC. The complete reliability test results will be ready to be shared by December 2010.

Effective Date of Change:

Finished Good is expected to be ready to ship out starting WW01'11. Shipment may contain either current or new ASIC until the current ASIC is depleted.

Qualification Data:

The initial qualification data is as attached (refer to Table A). New samples are also available upon request.

TABLE A**Reliability Test Result:**

Control lots: Existing product (current ASIC)

Evaluation lots: New product (new ASIC)

Test	Reference	Sample Size	Result
Temperature Cycling TMCL (-55/100°C 15/5/15min)	Avago Req.	76	Pass 100Cyc
High Temperature High Humidity Storage Life WHTSL (85°C / 85%RH)	Avago Req.	22	Pass 168hrs
High Temperature High Humidity Operating Life WHTOL (85°C / 85%RH, 5.5v)	JESD22-A101	22	Pass 168hrs

Additional qualification test points will be available upon request.

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.