

Product Change Notice

Issue Date: 17th March 2008

Change Type:

Metallization change from pure Al to AlSi for Detector IC

Parts Affected:

QEDS-HDM1	AEDB-9340-W15C	AEDB-9340-W06C
QEDS-HDM2	AEDB-9340-W06A	AEDB-9340-J13C
AEDS-9340-W00	AEDB-9340-B13A	AEDB-9340-T13A
AEDS-9340-U00	AEDB-9340-L13B	AEDB-9340-U13C
AEDS-9340-B00	AEDB-9340-J13B	AEDB-9340-L13A
AEDS-9340-T00	AEDB-9340-W15A	AEDB-9340-B13C
AEDS-9340-L00	AEDB-9340-J13A	
AEDS-9340-J00	AEDB-9340-T15B	QEDS-9380-G00
AEDT-9340-U00	AEDB-9340-W13A	QEDS-9380-Y00
AEDT-9340-B00	AEDB-9340-U13A	AEDS-9240-G00
AEDT-9340-W00	AEDB-9340-T13C	AEDS-9240-Y00
AEDT-9340-L00	AEDB-9340-W14C	
AEDT-9340-T00	AEDB-9340-W13C	
AEDT-9340-J00	AEDB-9340-L13C	

Table 1

Description and Extent of Change:

Metallization change from pure Al to AlSi for detector IC.

Reasons for Change:

AlSi metallization eliminates or reduces silicon dissolution into Al, which is currently affecting the yield at wafer level. Contact performance at metallization silicon interface is also better for AlSi than pure Al due to lower contact resistance and better uniformity. This change will help to improve the yield at wafer fab.

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

No impact on product fit, form, function, quality and reliability.

Effective Date of Change:

Product shipments using this change will commence on June, 2008, but initiation of the change may be spread over approximately 6 months. Timing of shipment of the changed part will vary depending on customer demand, and inventory levels.

Qualification Data:

Qualification data is completed and will be shared 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.