

Product Change Notification

PCN29020A

Version 1

Sheet 1 of 1

Date: 28 October 2016

Title:

CCD42-40 BI NIMO series datasheet and test sheet amendments.

Product Affected:

CCD42-40, BI, NIMO, deep depletion, astronomy, multilayer 2 coated.

CCD42-40, BI, NIMO, standard silicon, enhanced, no coat.

CCD42-40, BI, NIMO, standard silicon, basic, no coat.

Reason for Change:

Clarification and amendments to minimum QE performance values specified on test results sheets and datasheet.

Description of Change:

For deep depletion variant, the test temperature and minimum specification for the 900nm QE were not aligned on the test results sheet and the datasheet. The datasheet values remain unchanged. The minimum 900nm QE on the test sheet has been corrected from 65% at -35°C to 50% at -85°C to align with the actual test temperature. These specifications are equivalent when scaled with temperature and as such there has been no reduction in offered performance.

The 900nm QE minimum specification for the standard silicon no coat variants has been reduced from 30% to 28%.

Other minor updates to the datasheet have been implemented. These do not change device performance from that previously offered on the test results sheets.

Identification Method to Distinguish Change:

New release of product datasheet A1A-100011 at version 11.

Estimated Implementation Date:

Friday 4 November 2016

This is the earliest date from which customers may expect to receive product affected by this process change. This date is determined by the implementation schedule and subsequent verification and validation activities, and by the depletion of buffer stocks established to maintain continuity of supply during the change process. This may result in e2v shipping product manufactured prior to this process change after this forecast date.

Responses and queries:

No response is required to this notification. However, e2v will deem this change accepted unless any specific conditions of acceptance are received within 30 days of the date of issue of this notification.

Should you need to contact e2v regarding this change please use the following link.

webleads@e2v.com