



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16420

Generic Copy

Issue Date: 16-Feb-2010

TITLE: 19112-002/003 ASECL FT/BT Qualification

PROPOSED FIRST SHIP DATE: 16-May-2010 or earlier as per Customer approval

AFFECTED CHANGE CATEGORY(S): Final Testing

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Mike Ewing <Mike.Ewing@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or Mike Wasilewski <m.wasilewski@onsemi.com>

NOTIFICATION TYPE:

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact <quality@onsemi.com>.

DESCRIPTION AND PURPOSE:

Qualify ASECL Final Test and Back End Test processes to manufacture 19112-002 and 19112-003. This is an additional test capacity for 19112-002 and 19112-003

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RELIABILITY DATA SUMMARY: N/A

ELECTRICAL CHARACTERISTIC SUMMARY:

Correlation results were very positive. All parametric measurement showed good correlation and independently analyzed NOK parameters. Based on the analysis and results, correlation is acceptable. Also, small qual lot run yielded comparably to what this device historical yields are in OSPI. Likewise, all device BT requirements were covered and passed all qualification criteria. With this, ASECL can now start processing 19112-002 and 19112-003 from FT to BT.

CHANGED PART IDENTIFICATION: N/A



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List of affected Customer Specific Parts:

PART

19112-002-XTD

19112-002-XTP

19112-003-XTP