



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16428

Generic Copy

29-Mar-2010

TITLE: Additional Capacity Qualification of Backend Services for SOC in ON Semiconductor Philippines

PROPOSED FIRST SHIP DATE: 29-Jun-2010 or earlier provided customer approval

AFFECTED CHANGE CATEGORY(S): Additional Site Qualification for Backend Services

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Carl Fong <Carl.Fong@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or <quality@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:

ON Semiconductor has qualified our internal site located in Philippines (Calamba) to perform back end services (final test, test during burn-in, end-of-line processing) for this SOC product. The current qualified site is UTAC Singapore. Product validation and CofC issuance will still occur from Santa Clara with no changes.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16428****RELIABILITY DATA SUMMARY:**

Additional qualified back end service site has completed and implemented FMEA and Control Plan Specifications.

Also completed requirements of Inspection & Test Method Gage R&R, Operator Certification & Training, Preventative Maintenance, Calibration, Yield Analysis Comparison, Raw Data Requirements, Re-verification and CofC.

Qualification reports complete for ICOST120 & MVI as well as TDBI.

Qualification also completed on Device, Tester, and Handlers.

All qualification testing completed and reports available for review

ELECTRICAL CHARACTERISTIC SUMMARY:

No changes to electrical characteristics

CHANGED PART IDENTIFICATION:

Device after date code 2010, work week 26 or later may be sourced from newly qualified location. If earlier approval granted, ON Semiconductor will provide date code identification,

List of affected General Parts:

N09I4012L2AB-GDT



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List of affected Customer Specific Parts:

20203-002-XTD