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**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16841**Generic Copy

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20-Apr-2012

**TITLE:** Qualification of ASMC Fab in Shanghai (China) for FCDN612-UBM**PROPOSED FIRST SHIP DATE:** 20-July-2012 or earlier with customer approval**AFFECTED CHANGE CATEGORY(S):** Fab process**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or Sui Huey Wong<[SuiHuey.Wong@onsemi.com](mailto:SuiHuey.Wong@onsemi.com)>**SAMPLES:** Contact your local ON Semiconductor Sales Office or Sui Huey Wong<[SuiHuey.Wong@onsemi.com](mailto:SuiHuey.Wong@onsemi.com)>**ADDITIONAL RELIABILITY DATA:** AvailableContact your local ON Semiconductor Sales Office or <[francis.lualhati@onsemi.com](mailto:francis.lualhati@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 the 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](mailto:quality@onsemi.com)>.**DESCRIPTION AND PURPOSE:**

ON Semiconductor is pleased to announce that FCDN612-UBM is now qualified for wafer fabrication fab in ASMC Fab in Shanghai, China. ASMC is certified with TS16949, ISO9001 & ISO27001. Upon expiration or approval of the Final PCN, devices may be supplied from ASMC. The devices have previously been manufactured at Sanyo, Gifu. Devices are now qualified to run at ASMC for fab process. Qualification tests have been completed to show that the reliability of transferred devices will continue to meet or exceed ON Semiconductor standards.

Upon expiration or approval of the Final PCN, devices may be supplied from ASMC.

The devices have previously been manufactured at Sanyo. Devices are now qualified to run at ASMC for fab process.

Qualification tests are designed to show that the reliability of transferred devices will continue to meet or exceed ON Semiconductor standards.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16841****RELIABILITY DATA SUMMARY:**

Test:	Conditions:	Interval:	Results
HTRB	Ta= 150'C, 80% rated voltage	504 Hrs	0/160
TC	Ta= -40/125'C	500 cyc	0/160
HAST	Ta= 130'C, RSH=85%	96 Hrs	0/160

**ELECTRICAL CHARACTERISTIC SUMMARY:**

Available upon request

**CHANGED PART IDENTIFICATION:**

Products listed in this PCN with Finished Good date codes representing WW29, 2012 or later will be processed in ASMC, unless earlier customer approval is obtained. If early customer approval is obtained, devices with date codes of WW16, 2012 or later will be processed in ASMC.

**List of affected Standard Parts:**

FCDN612-UBM