



Title of Change:	Addition of ON Semiconductor Tarlac Philippines for the production of EFCP package
Proposed first ship date:	1 August 2016
Contact information:	Contact your local ON Semiconductor Sales Office or <Takayuki.Tani@onsemi.com>
Samples:	Samples will be able to submit at the end of Apr 2016. Contact your local ON Semiconductor Sales Office.
Type of notification:	This is an Initial Product/Process Change Notification (IPCN) sent to customers. IPCNs are issued at least 30 days prior to the issuance of the Final Change Notice (FPCN). An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact <PCN.Support@onsemi.com>.
Change Part Identification:	Change marking for identification An additional of a production Factory (ON Semiconductor Philippines)= With an underline 
Change category:	<input type="checkbox"/> Wafer Fab Change <input checked="" type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other
Change Sub-Category(s):	<input checked="" type="checkbox"/> Manufacturing Site Change/Addition <input type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Other:
Sites Affected:	<input type="checkbox"/> All site(s) <input type="checkbox"/> not applicable <input checked="" type="checkbox"/> ON Semiconductor site(s) : ON Tarlac City, Philippines <input type="checkbox"/> External Foundry/Subcon site(s)
Description and Purpose:	This is to announce the addition of ON Semiconductor Tarlac Philippines factory for the production of EFCP package, currently manufactured in ON semiconductor Shenzhen China factory. Upon the expiration of this FPCN, EFC8811R-TF and EFC6611R-TF will be manufactured in both locations. Schedule: Evaluation and other schedules for the addition of the Philippines factory: ① Process evaluation: 2nd wk of Jan. '16 (done) ② Reliability test complete: End of Apr. '16 ③ Sample submission: End of Apr. '16 ④ Submission of reliability test results & quality evaluation data: End of Apr. '16 ⑤ Production start: Aug. '16



Qualification Plan:

DEVICE NAME EFC8811R-TF PACKAGE: EFCP				
Test	Specification	Condition	Interval	Results
HTRB	JESD22-A108	Ta=150°C, max rated V	504hrs	/231
HTGB	JESD22-A108	Ta=150°C, 100% max rated Vgss	504hrs	/231
HTSL	JESD22-A103	Ta= 150°C	504hrs	/231
IOL	MIL-STD-750 (M1037) AEC-Q101	Ta=+25°C, delta Tj=100°C On/off = 2min	7500cyc	/231
TC	JESD22-A104	Ta= -40°C to +125°C	500cyc	/231
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96hrs	/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96hrs	/231

Estimated date for qualification completion: 28 April 2016

List of affected Standard Parts:

Part Number	Qualification Vehicle
EFC6611R-TF	EFC6611R-TF
EFC8811R-TF	EFC8811R-TF