



Title of Change:	Qualification of ON Semiconductor Tarlac Philippines factory as an additional final test and T&R site for NCP6324BMTAATBG	
Proposed first ship date:	7 September 2017 or earlier upon customer approval	
Contact information:	Contact your local ON Semiconductor Sales Office or <tu.huynh@onsemi.com>	
Samples:	Contact your local ON Semiconductor Sales Office or <tu.huynh@onsemi.com>	
Additional Reliability Data:	Contact your local ON Semiconductor	
Type of notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <PCN.Support@onsemi.com>.	
Change Part Identification:	Product with date codes of 2017 work week 34 or later may be tested in either the newly qualified Tarlac Philippines factory or in the existing qualified Seremban Malaysia factory. The Country of Origin field on the reel labels will indicate "Malaysia" for product tested in the existing qualified production facility in Seremban, Malaysia; it will indicate "Philippines" for product tested in the newly qualified Tarlac, Philippines factory.	
Change category:	☐ Wafer Fab Change ☐ Assembly Change ☒ Test Change ☐ Other _____	
Change Sub-Category(s):	☒ Manufacturing Site Change/Addition ☐ Manufacturing Process Change ☐ Material Change ☐ Product specific change ☐ Datasheet/Product Doc change ☐ Shipping/Packaging/Marking ☐ Other: _____	
Sites Affected:	☐ All site(s) ☐ not applicable ☒ ON Semiconductor site(s) : ON Tarlac City, Philippines ☐ External Foundry/Subcon site(s)	
Description and Purpose:		
This is the final notification announcing that ON Semiconductor Tarlac Philippines factory has been qualified to perform Final Test and T&R operations for NCP6324BMTAATBG. Upon expiration or early customer approval, Final Test and T&R operations may be performed in either the Tarlac factory or in the existing qualified Seremban Malaysia factory. There will be no differences in form, fit, functions and markings between material tested in Tarlac and Seremban.		
Reliability Data Summary: N/A		
Electrical Characteristic Summary:		
- Correlation data (golden samples tested at SBN factory and at Tarlac factory): All test parameters are correlated within ON Semiconductor requirements (within 10%). - Bin matching: Cross correlation (10 good units; 5 failing units): All parts were binned correctly in both factories - Gage Capability (% Reproducibility + Repeatability): Passed within ON Semiconductor requirements (<10%) - Yield and Cpk: All parameters meet ON Semiconductor yield requirements. Cpk for all parameters >1.67.		
List of affected Standard Parts:		
Part Number	Seremban (Current Final test and T&R site)	Tarlac (New Final test and T&R site)
NCP6324BMTAATBG	Yes	Yes