



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16892

Generic Copy

Issue Date: 13-Aug-2012

TITLE: Final Notification for Qualification of CMPWR280TN in UTL (UTAC Thai Limited) for probe and Carsem for assembly and final test.

PROPOSED FIRST SHIP DATE: 13-Nov-2012 or earlier with customer approval

AFFECTED CHANGE CATEGORY(S): Probe, Assembly & Test Site

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or <SueiHuey.Wong@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or <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 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 is notifying customers of the qualification of UTL (UTAC Thai Limited) as probe site and Carsem as assembly and final test site for CMPWR280TN.

Upon expiration or approval of the Final PCN, device may be supplied from Carsem.

The device has previously been manufactured at CEI. Device is now qualified to run at UTL for probe and Carsem for assembly and final test.

Device Marking Change: The device marking line #2 will change from 10 characters to 8 characters i.e. CMPWR280 instead of CMPWR280TN.

MSL Level Change: The device is now qualified in Carsem as MSL4 instead of MSL1 in CEI.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16892****RELIABILITY DATA SUMMARY:**

<u>Test:</u>	<u>Conditions:</u>	<u>Interval:</u>	<u>Results</u>
HTOL	TA=125C	1008 hrs	0/240
HTSL	Ta= 150 C	1008 hrs	0/240
HAST-PC	Ta= 130 C, RH=85%, V=80% rated Volts	96 hrs	0/240
TC-PC	Ta= -65 C / 150 C	500cyc	0/240
AC-PC	121 C/100%RH/15psig	96 hrs	0/240

ELECTRICAL CHARACTERISTIC SUMMARY:

Available upon request

CHANGED PART IDENTIFICATION:

This device with Finished Good date codes representing WW46, 2012 or later will be processed in UTL & Carsem, unless earlier customer approval is obtained. If early customer approval is obtained, devices with date codes of WW32, 2012 or later will be processed in UTL & Carsem.

List of affected General Parts:

CMPWR280TN