



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16774Generic Copy

Issue Date: 24-Nov-2011

TITLE: Final Notification for Qualification of CMCPIC102BR in ATP (Amkor Technology Philippines) for assembly and UTL (UTAC Thai Limited) for probe and test.

PROPOSED FIRST SHIP DATE: 24-Feb-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 ATP (Amkor Technology Philippines) as assembly site and UTL (UTAC Thai Limited) as probe & final test site for CMCPIC102BR.

Upon expiration or approval of the Final PCN, device may be supplied from UTL & ATP.

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

Devices sourced from ATP are MSL3 until PC SAT data is available supporting MSL1.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16774****RELIABILITY DATA SUMMARY:****Qual Vehicle: NCN6024DTBR2G****Package: TSSOP 28**

Test:	Conditions:	Interval:	Results
HTOL	TA=125C	1008 hrs	0/80
TC-PC	Ta= -65 C to 150 C	500 cyc	0/80
AC-PC	Ta=121C, RH=100%, PSIG=15	96 hrs	0/80

Qual Vehicle: NCN8024**Package: TSSOP 28**

Test:	Conditions:	Interval:	Results
HTOL	TA=125C	1008 hrs	0/80
TC-PC	Ta= -65 C to 150 C	500 cyc	0/80
AC-PC	Ta=121C, RH=100%, PSIG=15	96 hrs	0/80
SAT-PC	Compare for delamination before and after PC	After IR reflow 3 cyc	0/5

ELECTRICAL CHARACTERISTIC SUMMARY:

Available upon request

CHANGED PART IDENTIFICATION:

Devices with date code marking of 1208 or later may be sourced from ATP & UTL.

List of affected General Parts:

CMCPCI102BR