



FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16511

Generic Copy

Issue Date: 05-Aug-2010

TITLE: CM1214-01DE Package Replacement

PROPOSED FIRST SHIP DATE: 04-Nov-2010

AFFECTED CHANGE CATEGORY(S): Package Change; Assembly Site Change

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or Jill Daugherty <jill.daugherty@onsemi.com>

SAMPLES: Contact your local ON Semiconductor Sales Office

ADDITIONAL RELIABILITY DATA: Available

Contact your local ON Semiconductor Sales Office or Laura Rivers <laura.rivers@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:

This is the final notification announcing that ON Semiconductor is transferring assembly of the CM1214-01DE product from Carsem Inc. to ON Semiconductor's assembly site in Seremban, Malaysia. The package will change from Carsem's 2x2mm DFN-03 package to ON Semi's WDFN3 package (case outline 506AU).

The purpose of this change is to support customer orders on the CM1214-01DE device, which was discontinued (EOL'd) in 2007. The change in assembly site and package is required because Carsem no longer supports this package.

**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION #16511****RELIABILITY DATA SUMMARY:**

Test:	Conditions:	Interval:	Results	Control
HTRB	Ta=125C,80% Rated Voltage	1008 hrs	0/252	0/84
Autoclave+PC	Ta=121C RH=100% ~15 psig	96 hrs	0/252	0/84
HAST +PC	Ta=130C RH=85%, ~18.8psig bias=80% rated V or100V Max	96 hrs	0/252	0/84
TC+PC	Ta= -65 C to 150 C	1000 cyc	0/252	0/84
DPA	post TC		0/6	0/2
DPA	post HAST		0/6	0/2
SAT	pre/post MSL		0/30	0/10

ELECTRICAL CHARACTERISTIC SUMMARY:

Available upon request.

CHANGED PART IDENTIFICATION:

Devices manufactured at the ON Semiconductor Seremban assembly site will be marked with the ON logo.

ON Semiconductor



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List of affected General Parts:

CM1214-01DE