



PRODUCT AND PROCESS CHANGE NOTIFICATION
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ISSUE DATE: 14-Nov-2013
NOTIFICATION: 15338
TITLE: I.MX35 AUTO TIER 2ND FINAL TEST SITE SCS
EFFECTIVE DATE: 12-Feb-2014

DEVICE(S)

MPN
MCIMX351AJQ5C
MCIMX351AJQ5CR2
MCIMX351AVM4B
MCIMX351AVM4BR2
MCIMX355AJQ5C
MCIMX355AJQ5CR2
MCIMX355AVM4B
MCIMX355AVM4BR2
MCIMX355AVM5B
MCIMX355AVM5BR2
MCIMX356AJQ5C
MCIMX356AJQ5CR2
MCIMX356AVM4B
MCIMX356AVM4BR2
MCIMX356AVM5B
MCIMX356AVM5BR2

AFFECTED CHANGE CATEGORIES

- TEST SITE

DESCRIPTION OF CHANGE

Freescale Semiconductor is adding a second source external final test site, "SCS" (STATS-Singapore), for the i.MX35 17x17MAPBGA automotive devices to assure flexible manufacturing capacity and continuity of supply. The current Freescale final test site is "TJN" (Tianjin, China).

REASON FOR CHANGE

Adding a second final test site to maintain supply capacity and continuity.

ANTICIPATED IMPACT OF PRODUCT CHANGE(FORM, FIT, FUNCTION, OR RELIABILITY)

No impact to form, fit, function, or reliability.

Freescale will consider specific conditions of acceptance of this change submitted within 30 days of receipt of this notice on a case by case basis. To request further data or inquire about the notification, please enter a [Service Request](#).

For sample inquiries - please go to www.freescale.com

QUAL DATA AVAILABILITY DATE: 21-Aug-2012

QUALIFICATION STATUS: COMPLETED

QUALIFICATION PLAN:

Per the approved qualification plan and the Internal Test Transfer spec:

_ 200 Bin1 units/lot X 3 lots (from 3 different wafer lots) and 30 correlation rejects were tested by TJN and at SCS per current production test program.

_ Gage R&R consists of 10 Bin1 units.

_ Class A qual (3 lots).

RELIABILITY DATA SUMMARY:

Per the approved qualification plan and the 12MRE10300D Test Transfer spec:

_ 795 total Bin1 units from 3 different wafers lots and 30 correlation rejects tested by TJN and at SCS per current production test program show correlation.

_ Gage R&R results also correlate.

_ Class A qual passes.

See attached qualification results

ELECTRICAL CHARACTERISTIC SUMMARY:

No change.

CHANGED PART IDENTIFICATION:

No change.

SAMPLE AVAILABILITY DATE: 12-Nov-2013

ATTACHMENT(S):

External attachment(s) FOR this notification can be viewed AT:
[15338 i MX35 Auto Tier 2nd Source FT Site \(SCS\)
_Qual Results Complement 20131018.pdf](#)
[15338 i.MX35 FT Corr Report.pdf](#)
