



Subject: Motorola PRODUCT AND PROCESS CHANGE NOTIFICATION 4396

TITLE: ASSEMBLY/TEST SITE CHANGE TO SEREMBAN, MALAYSIA

EFFECTIVE DATE: 01-MAY-99

AFFECTED CHANGE CATEGORIES

Motorola Assembly Site

Motorola Test Site

AFFECTED PRODUCT DIVISIONS

GENERAL PURPOSE PRO

ADDITIONAL RELIABILITY DATA: Available
Contact your local Motorola Sales Office.

Ref: TTT490

SAMPLES: Contact Below
Contact your local Motorola Sales Office.

Ref: TTT490@email.sps.mot.com

For any questions concerning this notification:

REFERENCE: ALAN GARLINGTON

PHONE: 602-413-3473

DISCLAIMER:

MOTOROLA 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 YOUR LOCAL MOTOROLA SALES
OFFICE.

GPCN FORMAT: CUSTOMER

DO NOT REPLY TO THIS MESSAGE.

PRODUCT AND PROCESS CHANGE NOTIFICATION

ISSUE DATE: 21-Jan-1999

NOTIFICATION #:4396

EFFECTIVE DATE: 01-May-1999

ISSUING DIVISION:PHX-GPPD

DESCRIPTION AND PURPOSE

This product is being transferred from KLM, Malaysia to Seremban, Malaysia as a part of Motorola, SPS Manufactuirng Restructuring Program. Manufacturing and Final Test Equipment will be relocated to Seremban to supplement the existing Discrete DPACK line. This is a Site change only. There is no change to the assembly flow, process, die or final test.

QUALIFICATION PLAN

same as Reliability Data

RELIABILITY DATA SUMMARY

Reliability Tests and Results:

Performed on Device: MC33269DT-3.3

Product Line: REGT6933

TEST	CONDITION	DURATION	REJ/SIZE
HTOL	145 C/VCC	168 HR	0/3X77
	145 C/VCC	504 HR expect.completion	WW1,99
MSL 1:			
A. TEMP CYCLING	PRE-CONDITIONING		0/3X77
	-65 - 150 C	200 CYC	0/3X77
	-65 - 150 C	500 CYC	WW52,98
B. AUTOCLAVE	PRE-CONDITIONING		0/3X77
	121 C/15PSIG	96 HR	0/3X77
C. HAST	PRE-CONDITIONING		0/3X77
	130 C/85%	50 HR	NA
AUTOCLAVE	121 C/15PSIG	192 HR	0/3X77
TEMP CYCLING	-65 - 150C	1000 CYC	0/3X77
HIGH TEMP STOR	150C	1000 HR	NA
SOLDERABILITY		MIL-STD-750	0/20
WIREPULL	MIN LIM 9.5G		30/CPK 2.09
BALLSHEAR	MIN LIM 115G		30/CPK 1.55

All tests are performed by Motorola, Seremban Facility.

Motorola
Semiconductor Products Sector

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ELECTRICAL CHARACTERISTIC SUMMARY

THIS IS AN ASSEMBLY CHANGE ONLY: THERE IS NO CHANGE TO THE DIE ELECTRICAL
DISTRIBUTION HAS BEEN PERFORMED AT ALL TEST PARAMETERS AND EACH PARAMETER'S
DISTRIBUTION HAS A CPK GREATER THAN 1.66

CHANGED PART IDENTIFICATION

Seremban location code will be "TB" marking near Datecode.

FILE FORMAT: ASCII TEXT

FONT - Courier

SIZE - 12 Point

LINE - 70 characters/line

PAGE - 55 lines/page

PAGEBREAK CHARACTER - ^L (Control L)

AFFECTED DEVICE LIST (WITHOUT SPECIALS)

LM2931ADT-1-5.0	, LM2931ADT-5.0	, LM2931ADT-5.0RK	, LM2931DT-5.0
LM317MABDT	, LM317MABDTRK	, LM317MADTRK	, LM317MBDT
LM317MBDTRK	, LM317MDT	, LM317MDT-001	, LM317MDTRK
LP2950ACDT-3.0	, LP2950ACDT-3.0RK	, LP2950ACDT-3.3	, LP2950ACDT-3.3RK
LP2950ACDT-5.0	, LP2950ACDT-5.0RK	, LP2950CDT-3.0	, LP2950CDT-3.0RK
LP2950CDT-3.3	, LP2950CDT-3.3RK	, LP2950CDT-5.0	, MC33269DT
MC33269DT-012	, MC33269DT-3.3	, MC33269DT-5.0	, MC33269DTRK
MC33269DTRK-012	, MC33269DTRK-3.3	, MC33269DTRK-5.0	, MC33275DT-2.5
MC33275DT-2.5RK	, MC33275DT-3.0	, MC33275DT-3.0RK	, MC33275DT-3.3
MC33275DT-3.3RK	, MC33275DT-5.0	, MC33275DT-5.0RK	, MC33769DT-3.3
MC34268DT	, MC34268DTRK	, MC78M05ACDT	, MC78M05ACDTRK
MC78M05BDT	, MC78M05BDT-001	, MC78M05BDTRK	, MC78M05CDT
MC78M05CDT-001	, MC78M05CDTRK	, MC78M06CDT	, MC78M06CDTRK
MC78M08ACDT	, MC78M08ACDTRK	, MC78M08BDT	, MC78M08BDTRK
MC78M08CDT	, MC78M08CDTRK	, MC78M09BDT	, MC78M09BDTRK
MC78M09CDT	, MC78M09CDT-001	, MC78M09CDTRK	, MC78M12ACDT
MC78M12ACDTRK	, MC78M12BDT	, MC78M12BDTRK	, MC78M12CDT
MC78M12CDT-001	, MC78M12CDTRK	, MC78M15ACDT	, MC78M15ACDTRK
MC78M15BDT	, MC78M15BDTRK	, MC78M15CDT	, MC78M15CDT-001
MC78M15CDTRK	, MC78M18CDT	, MC79M05BDT	, MC79M05BDTRK
MC79M05CDT	, MC79M05CDT-001	, MC79M05CDTRK	, MC79M08BDT
MC79M08CDT	, MC79M08CDTRK	, MC79M12BDT	, MC79M12BDTRK
MC79M12CDT	, MC79M12CDTRK	, MC79M15BDT	, MC79M15BDT-001
MC79M15BDTRK	, MC79M15CDT	, MC79M15CDT-001	, MC79M15CDTRK
SC78M05BDTRK	, SC78M08CDTRK	, SC901000DTRK	, SC901002DTRK