MCIMX250DJM4A :Part Detail

General Information | Package Information | Environmental and Compliance Information | Manufacturing Information | Ordering Information | Product/Process Change Notice (PCN) | Operating Characteristics | Reliability Data Lookup

GENERAL INFORMATION

Part Number	MCIMX250DJM4A
Description	i.MX25 32-bit MPU, ARM926EJ-S core, 400MHz, MAPBGA 400
Product Line	GCC1MX25
PTI	MVMH
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT MATURITY/SATURATION
Status	Active
Application/Qualification Tier	5-YEARS APPLICATION LIFE

PACKAGE INFORMATION

Package Type and Termination Count	MAPBGA 400
Package Description and Mechanical Drawing	MAPBGA 400 17*17*0.8P0.8
Device Weight(g)	0.83870
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	17.000
Package Width (nominal)(mm)	17.000
Package Thickness (nominal)(mm)	1.440
Maximum Height Above Board(mm)	1.600
Tape & Reel	No

ENVIRONMENTAL AND COMPLIANCE INFORMATION

Pb-Free	Pb
RoHS Compliant	RoHS
Halogen Free	Yes
Material Composition Declaration (MCD)	Download MCD Report Download MCD Report
RoHS Certificate of Analysis (CoA)	Contact Us

2nd Level Interconnect	**e1**
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	260
Maximum Time at Peak Temperature (s)	40
Number of Reflow Cycles	3
REACH SVHC	NXP REACH Statement
UL94 (plastics flammability test)	V0;Burning stops within 10 seconds on a vertical specimen;no drips allowed

MANUFACTURING INFORMATION

Micron Size(µm)	.09

ORDERING INFORMATION

Minimum Package Quantity (MPQ)	450
MPQ Container	BRICK
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	450
POQ Container	BOX
Leadtime (weeks)	10
Export Control Classification Number (US)	5A992
Harmonized Tariff (	
CCATS Document	G168372~CCATS
ENC Status	Unrestricted
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	-
Order	

PRODUCT/PROCESS CHANGE NOTICE (PCN)

Number	Type	Title	Issue Date	Effectivity Date
16337	Product Bulletin	i.MX25 Errata Revision	17 Jul 2014	18 Jul 2014
16200	Product Bulletin	i.MX25 Errata Update	18 Apr 2014	19 Apr 2014
15833	Product Bulletin	I.MX25 SECOND SITE FINAL TEST (SCS)	23 Aug 2013	24 Aug 2013
15726	Product Bulletin	I.MX25 DATASHEET REVISION	09 Aug 2013	10 Aug 2013
15446	Product Change Notice	I.MX25 17X17 BGA COPPER WIRE QUALIFICATION	17 Dec 2012	17 Mar 2013
15363	Product Bulletin	IMX25 ERRATA REVISION	11 Oct 2012	12 Oct 2012
15239	Product Bulletin	I.MX25 DATA SHEET REVISION	25 Jun 2012	26 Jun 2012
15064	Product Bulletin	UPDATE i.MX25 ERRATA	29 Mar 2012	30 Mar 2012
	Product Bulletin	I.MX25 ERRATA REVISION NOTIFICATION	01 Jun 2011	02 Jun 2011

14505	Product Bulletin	I.MX25 DATASHEETS (Rev 8) REVISION NOTIFICATION	08 Mar 2011 09 Mar 2011

OPERATING CHARACTERISTICS

Sample Exception Availability	N

Reliability Data Lookup

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