

# MCIMX250CJM4A :Part Detail

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## GENERAL INFORMATION

Part Number	MCIMX250CJM4A
Description	i.MX25 32-bit MPU, ARM926EJ-S core, 400MHz, MAPBGA 400
Product Line	GCI1MX25
PTI	MMMH
Material Type	Tested Packaged Device
<a href="#">Life Cycle Description (code)</a>	PRODUCT MATURITY/SATURATION
Status	Active
<a href="#">Application/Qualification Tier</a>	10-YEARS APPLICATION LIFE

## PACKAGE INFORMATION

Package Type and Termination Count	MAPBGA 400
Package Description and Mechanical Drawing	<a href="#">MAPBGA 400 17*17*0.8P0.8</a>
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

<a href="#">Pb-Free</a>	
<a href="#">RoHS Compliant</a>	
<a href="#">Halogen Free</a>	Yes
<a href="#">Material Composition Declaration (MCD)</a>	<a href="#">Download MCD Report</a> <a href="#">Download MCD Report</a>
<a href="#">RoHS Certificate of Analysis (CoA)</a>	<a href="#">Contact Us</a>

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	<a href="#">NXP REACH Statement</a>
UL94 (plastics flammability test)	V0;Burning stops within 10 seconds on a vertical specimen;no drips allowed

## MANUFACTURING INFORMATION

Micron Size(μm)	.09
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## ORDERING INFORMATION

Minimum Package Quantity (MPQ)	90
MPQ Container	TRAY
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	-
<a href="#">Budgetary Price excluding tax(US Currency)</a>	-

Order

## PRODUCT/PROCESS CHANGE NOTICE (PCN)

Number	Type	Title	Issue Date	Effectivity Date
16337	Product Bulletin	<a href="#">i.MX25 Errata Revision</a>	17 Jul 2014	18 Jul 2014
16200	Product Bulletin	<a href="#">i.MX25 Errata Update</a>	18 Apr 2014	19 Apr 2014
15833	Product Bulletin	<a href="#">I.MX25 SECOND SITE FINAL TEST (SCS)</a>	23 Aug 2013	24 Aug 2013
15726	Product Bulletin	<a href="#">I.MX25 DATASHEET REVISION</a>	09 Aug 2013	10 Aug 2013
15446	Product Change Notice	<a href="#">I.MX25 17X17 BGA COPPER WIRE QUALIFICATION</a>	17 Dec 2012	17 Mar 2013
15363	Product Bulletin	<a href="#">IMX25 ERRATA REVISION</a>	11 Oct 2012	12 Oct 2012
15239	Product Bulletin	<a href="#">I.MX25 DATA SHEET REVISION</a>	25 Jun 2012	26 Jun 2012
15064	Product Bulletin	<a href="#">UPDATE i.MX25 ERRATA</a>	29 Mar 2012	30 Mar 2012
14709	Product Bulletin	<a href="#">I.MX25 ERRATA REVISION NOTIFICATION</a>	01 Jun 2011	02 Jun 2011

## OPERATING CHARACTERISTICS

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Sample Exception Availability      N

[Reliability Data Lookup](#)

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[CY8C4248LQQ-BL583](#) [CYW20732E](#) [CYW20702B0KWFBG](#) [CY8C6347BZI-BLD54](#) [JN5164/001,515](#) [CC1310F128RSMR](#)  
[CC1310F32RGZR](#) [CC1310F32RSMR](#) [CC2650F128RHBR](#) [STM32W108CBU63TR](#) [ATA8742C-PXQW-1](#) [ATA8743C-PXQW-1](#)  
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