

MCP11A1CFNE3 Information

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

General Information

Parameter	Value
Part Number	MCP11A1CFNE3
Description	8-BIT MCU, RAM, EE, COP, A/D
Product Line	GGQ11A1
PTI	JDPA
Material Type	Tested Packaged Device
Life Cycle Description (code)	REMOVED FROM ACTIVE PORTFOLIO
Status	No Longer Manufactured
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Parameter	Value
Package Type and Termination Count	PLCC 52
Package Description and Mechanical Drawing	PLCC 52
Device Weight(g)	2.96255
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	19.120
Package Width (nominal)(mm)	19.120
Package Thickness (nominal)(mm)	4.380
Tape & Reel	No

Environmental and Compliance Information

Parameter	Value
Pb-Free	
RoHS Compliant	
Halogen Free	Yes
Material Composition Declaration (MCD)	Download MCD Report  Download MCD Report 
RoHS Certificate of Analysis (CoA)	Contact Us
2nd Level Interconnect	e3
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	250
Maximum Time at Peak Temperature (s)	30
Number of Reflow Cycles	3
REACH SVHC	Freescall REACH Statement
UL94 (plastics flammability test)	V0: Burning stops within 10 seconds on a vertical specimen; no drips allowed

Manufacturing Information

Parameter	Value
Micron Size(?m)	1.2

Ordering Information

Parameter	Value
Last Order Date	15 Jan 2011
Last Ship Date	31 May 2012
Exempt from Minimum Delivery Value	Yes
Export Control Classification Number (US)	EAR99
Harmonized Tariff (US) Disclaimer	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-
Order	

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
13644D	Update Notification	FREESCALE 150MM SENDAI FAB CLOSURE-GENERAL PRODUCT DISCONTINUANCE	24 Nov 2010	24 Nov 2010
13644C	Update Notification	FREESCALE 150MM SENDAI FAB CLOSURE-GENERAL PRODUCT DISCONTINUANCE	08 Jun 2010	08 Jun 2010
13644B	Update Notification	FREESCALE 150MM SENDAI FAB CLOSURE-GENERAL PRODUCT DISCONTINUANCE	26 Feb 2010	26 Feb 2010
13644	Product Discontinuan	Freescall 150mm Sendai Fab Closure-General Product Discontinuan	24 Jul 2009	24 Jul 2009
12731	Product Change Notice	TSPG MCD KLM PROBE EXPANSION	16 Jul 2007	14 Oct 2007

Operating Characteristics

Parameter	Value
Sample Exception Availability	N

[Reliability Data Lookup](#)

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