

MC68HC000CEI10 Information

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General Information

Parameter	Value
Part Number	MC68HC000CEI10
Description	16-BIT MPU
Product Line	GGQ68HC
PTI	JBTC
Material Type	Tested Packaged Device
Life Cycle Description (code)	REMOVED FROM ACTIVE PORTFOLIO
Status	No Longer Manufactured
Application/Qualification Tier	10-YEARS APPLICATION LIFE

Package Information

Parameter	Value
Package Type and Termination Count	PLCC 68
Package Description and Mechanical Drawing	PLCC 68
Device Weight(g)	4.78315
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	24.200
Package Width (nominal)(mm)	24.200
Package Thickness (nominal)(mm)	4.380
Tape & Reel	No

Environmental and Compliance Information

Parameter	Value
Pb-Free	
RoHS Compliant	
Material Composition Declaration (MCD)	Download MCD Report  Download MCD Report 
RoHS Certificate of Analysis (CoA)	Contact Us
2nd Level Interconnect	Not Available
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	245
Maximum Time at Peak Temperature (s)	30
Number of Reflow Cycles	3
REACH SVHC	Freescale REACH Statement
UL94 (plastics flammability test)	V1: Burning stops within 30 seconds on a vertical specimen; drips allowed as long as they are not inflamed

Manufacturing Information

Parameter	Value
Micron Size(?m)	.8

Ordering Information

Parameter	Value
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	Distributor

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
13644B	Update Notification	FREESCALE 150MM SENDAI FAB CLOSURE-GENERAL PRODUCT DISCONTINUANCE	26 Feb 2010	26 Feb 2010
13644	Product Discontinuance	Freescale 150mm Sendai Fab Closure-General Product Discontinuance	24 Jul 2009	24 Jul 2009
11571	Product Change Notice	TSPG MCD32 MOLD COMPOUND CHANGE FOR ROHS	28 Nov 2005	26 Feb 2006
11462	Product Bulletin	TSPG MCD ROHS COMPLIANT DEVICE MIGRATION	14 Oct 2005	15 Oct 2005
11431	Product Bulletin	TSPG MCD ROHS COMPLIANT DEVICE MIGRATION	04 Oct 2005	05 Oct 2005

Operating Characteristics

Parameter	Value
Ambient Operating Temperature (Min-Max) (°C)	-40 to 85
I/O Operating Voltage (Max) (V)	5
Sample Exception Availability	N

[Reliability Data Lookup](#)