

MC68040RC40A Information

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General Information

Parameter	Value
Part Number	MC68040RC40A
Description	32BIT W/ CACHE, MMU, FPU
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT MATURITY/SATURATION(4)
Status	Active

Package Information

Parameter	Value
Package Description	PGA 179 FG
JEDEC Pkg Description	PPGA-P179
Pin/Lead/Ball Count	179
Package Material	Plastic
Mounting Style	Through Hole
Tape & Reel	No

Environmental and Compliance Information

Parameter	Value
Pb-Free	No
RoHS Compliant	
Halogen Free	Yes
Product Content Report	Product Content Report
2nd Level Interconnect	e4

Manufacturing and Qualification information

Parameter	Value
Micron Size (µm)	.57
Application/Qualification Tier	COMMERCIAL, INDUSTRIAL

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	10
MPQ Container	TRAY
Preferred Order Quantity (POQ)	100
POQ Container	BOX
Leadtime (weeks)	8
Export Control Classification Number (US)	EAR99
Harmonized Tariff (US) Disclaimer	8542.31.0000
Budgetary Price QTY 1000+ (\$US)	\$309.30
Order	

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
11910	Product Change Notice	TSPG MCD32 MC68040 MIN FREQ SPEC CHANGE	15 Mar 2006	13 Jun 2006
10742	Product Bulletin	KLM PACKING CHANGE FOR TRAY DEVICES	28 Mar 2005	02 Apr 2005
9048	Product Bulletin	TIC SUPPORT FOR QUALITY QUERIES IN EMEA	04 Aug 2003	05 Aug 2003
8219	Product Bulletin	MC68040 MOS11 QUALIFICATION	22 Nov 2002	23 Nov 2002
7258	Product Change Notice	TRANSFER PRODUCTS FROM TSC8	01 Mar 2002	10 Jun 2002

Operating Characteristics

Parameter	Value
32-bit Product Family	68K/ColdFire
A/D Converter	N/N
Additional Features	Floating Point Unit (FPU) Memory Management Unit (MMU)
Ambient Operating Temperature (Ta) (Max) (oC)	70
Ambient Operating Temperature (Ta) (Min) (oC)	0
Cache (kByte)	8
External Bus Width (bit)	32
I/O Operating Voltage (Max) (V)	5