

## MC68040RC33A Information

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### General Information

Parameter	Value
Part Number	MC68040RC33A
Description	32BIT W/ CACHE, MMU, FPU
Material Type	Tested Packaged Device
<b>Life Cycle Description (code)</b>	PRODUCT MATURITY/SATURATION(4)
Status	Active

### Package Information

Parameter	Value
Package Description	<b>PGA 179 FG</b>
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
<b>Pb-Free</b>	No
<b>RoHS Compliant</b>	
<b>Halogen Free</b>	Yes
Product Content Report	<b>Product Content Report</b>
<b>2nd Level Interconnect</b>	e4

Moisture Sensitivity Level (MSL)

Floor Life	
Package Peak Temperature (°C)	-

**Manufacturing and Qualification information**

Parameter	Value
Micron Size ( μ m)	.57
<b>Application/Qualification Tier</b>	COMMERCIAL, INDUSTRIAL

**Ordering Information**

Parameter	Value
Last Order Date	
Last Ship Date	
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) <a href="#">disclaimer</a>	8542.31.0000
<b>Budgetary Price QTY 1000+ (\$US)</b>	\$200.14
Order	<a href="#">Distributor</a>

**Product/Process Change Notice (PCN)**

Number	Type	Title	Issue Date	Effectivity Date
11910	Product Change Notice	<b>TSPG MCD32 MC68040 MIN FREQ SPEC CHANGE</b>	15 Mar 2006	13 Jun 2006
10742	Product Bulletin	<b>KLM PACKING CHANGE FOR TRAY DEVICES</b>	28 Mar 2005	02 Apr 2005
9048	Product Bulletin	<b>TIC SUPPORT FOR QUALITY QUERIES IN EMEA</b>	04 Aug 2003	05 Aug 2003

8219	Product Bulletin	<b>MC68040 MOS11 QUALIFICATION</b>	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-Y/N	No
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