

SC68376BACAB20 Information[General Information](#)[Package Information](#)[Environmental and Compliance Information](#)[Manufacturing Information](#)[Ordering Information](#)[Operating Characteristics](#)[Reliability Data Lookup](#)**General Information**

Parameter	Value
Part Number	SC68376BACAB20
Description	32BIT MCU, 8K ROM
Product Line	GGG68376
PTI	MBKI
Material Type	Tested Packaged Device
Life Cycle Description (code)	NOT RECOMMENDED(DECLINING)
Status	Not Recommended for New Design
Application/Qualification Tier	10-YEARS APPLICATION LIFE

Package Information

Parameter	Value
Package Type and Termination Count	QFP 160
Package Description and Mechanical Drawing	QFP 160 28*28*3.3P0.65
Device Weight(g)	5.56680

Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	28.000
Package Width (nominal)(mm)	28.000
Package Thickness (nominal)(mm)	3.850
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)	245
Maximum Time at Peak Temperature (s)	30
Number of Reflow Cycles	3
REACH SVHC	NXP 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(μm)	.55

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	120
MPQ Container	BRICK
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	120
POQ Container	BRICK
Leadtime (weeks)	8
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	10000 @ US\$23.20 each
Device Sample Availability	19 Nov 2008
Device Production Availability	19 Nov 2008
Order	

Operating Characteristics

Parameter	Value
Sample Exception Availability	N

Reliability Data Lookup

Mouser Electronics

Authorized Distributor

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NXP:

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