

PCIMX6G2CVM05AA Information

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General Information

Parameter	Value
Part Number	PCIMX6G2CVM05AA
Description	i.MX 32-bit MPU, ARM Cortex-A7 core, 500MHz, 289BGA
Product Line	GZCMX6UL
PTI	MVMC
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT NEWLY INTRO D/RAMP-UP
Status	Active

Package Information

Parameter	Value
Package Type and Termination Count	MAPBGA 289
Package Description and Mechanical Drawing	MAP289 14*14*1.4P.8T1.32
Device Weight(g)	0.45140
Package Length (nominal)(mm)	14.000
Package Width (nominal)(mm)	14.000
Package Thickness (nominal)(mm)	1.320
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	e2
Moisture Sensitivity Level (MSL)	3
Floor Life	168 HOURS
Peak Package Body Temperature (PPT)(°C)	260
Maximum Time at Peak Temperature (s)	40
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)	.04

Ordering Information

Parameter	Value
Minimum Order Quantity (MOQ)	1

MPQ Container	TRAY
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	760
POQ Container	BOX
Export Control Classification Number (US)	5A992
Harmonized Tariff (US) Disclaimer	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-
Order	

Operating Characteristics

Parameter	Value
Sample Exception Availability	N

[Reliability Data Lookup](#)