

PCIMX6Q6AVT10AC Information

General Information

Package Information

Environmental and Compliance Information

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Ordering Information

Product/Process Change Notice (PCN)

Operating Characteristics

Reliability Data Lookup

General Information




Parameter	Value
Part Number	PCIMX6Q6AVT10AC
Description	i.MX 6 series 32-bit MPU, Quad ARM Cortex-A9 core, 1GHz, FCBGA 624
Product Line	GZAMX6Q
PTI	MVMT
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	FCPBGA 624
Package Description and Mechanical Drawing	FC-PBGA 624 21*21*2 P0.8
Device Weight(g)	3.32360
Package Length (nominal)(mm)	21.000
Package Width (nominal)(mm)	21.000
Package Thickness (nominal)(mm)	2.000
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	e1
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

Manufacturing Information

Parameter	Value
Micron Size(μm)	.04

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	1
MPQ Container	TRAY
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	300
POQ Container	BRICK
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	

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
16118	Product Bulletin	I.MX 6QUAD/6DUAL DATASHEET UPDATE	01 May 2014	02 May 2014
15651	Product Bulletin	I.MX 6DUAL6QUAD DOCUMENTATION UPDATE	04 Jun 2013	05 Jun 2013

Operating Characteristics

Parameter	Value
Sample Exception Availability	N

Reliability Data Lookup