

SCIMX6S7CVM083C :Part Detail

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General Information

Part Number	SCIMX6S7CVM083C
Description	i.MX 6 series 32-bit MPU, ARM Cortex-A9 core, 800MHz, MAPBGA 624
Product Line	GCCMX6S
PTI	MVMS
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	10-YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	MAPBGA 624
Package Description and Mechanical Drawing	MAPBGA 624 21*21*1.6 P.8
Device Weight(g)	1.25250
Package Length (nominal)(mm)	21.000
Package Width (nominal)(mm)	21.000
Package Thickness (nominal)(mm)	1.600
Tape & Reel	No

Environmental and Compliance Information

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	260

(PPT)(°C)

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

Micron Size(μm)	.04
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Ordering Information

Minimum Package Quantity (MPQ)	60
MPQ Container	TRAY
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	300
POQ Container	BOX
Export Control Classification Number (US)	5A992
Harmonized Tariff (
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency)	-

Order

Operating Characteristics

Sample Exception Availability	N
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