MCIMX6U7CVM08AC Information

General Information

Parameter	Value
Part Number	MCIMX6U7CVM08AC
Description	i.MX 6 series 32-bit MPU, Dual ARM Cortex-A9 core, 800MHz, MAPBGA 624
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	COMMERCIAL, INDUSTRIAL

Package Information

Parameter	Value
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

Parameter	Value
Pb-Free	
RoHS Compliant	
Halogen Free	Yes
Material Composition Declaration (MCD)	Download MCD Report Download MCD Report
RoHS Certificate of Analysis (CoA)	Download RoHS CoA Report
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	**Freescale 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 Package Quantity (MPQ)	60
MPQ Container	TRAY
Preferred Order Quantity (POQ)	600
POQ Container	BOX
Export Control Classification Number (US)	5A002A
Harmonized Tariff (US) **Disclaimer**	8542.31.0000
Budgetary Price excluding tax(US$) **Change Currency**	
Order	Distributor

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
15972	Product Bulletin	**I.MX 6SOLO6DUALLITE DOCUMENTATION UPDATE**	11 Dec 2013	12 Dec 2013

Operating Characteristics

Parameter	Value
Sample Exception Availability	Y