

## MCIMX6U7CVM08AC Information

- ▶ [General Information](#)
- ▶ [Package Information](#)
- ▶ [Environmental and Compliance Information](#)
- ▶ [Manufacturing Information](#)
- ▶ [Ordering Information](#)
- ▶ [Product/Process Change Notice \(PCN\)](#)
- ▶ [Operating Characteristics](#)





### 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
<a href="#">Life Cycle Description (code)</a>	PRODUCT RAPID GROWTH
Status	Active
<a href="#">Application/Qualification Tier</a>	COMMERCIAL, INDUSTRIAL

### Package Information

Parameter	Value
Package Type and Termination Count	MAPBGA 624
Package Description and Mechanical Drawing	<a href="#">MAPBGA 624 21*21*1.6 P.8</a>
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
<a href="#">Pb-Free</a>	
<a href="#">RoHS Compliant</a>	
<a href="#">Halogen Free</a>	Yes
<a href="#">Material Composition Declaration (MCD)</a>	<a href="#">Download MCD Report</a>  <a href="#">Download MCD Report</a> 
RoHS Certificate of Analysis (CoA)	<a href="#">Download RoHS CoA Report</a>
<a href="#">2nd Level Interconnect</a>	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	<a href="#">Freescale REACH Statement</a>
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) <a href="#">Disclaimer</a>	8542.31.0000
<a href="#">Budgetary Price excluding tax(US\$)</a> <a href="#">Change Currency</a>	
Order	<a href="#">Distributor</a>

#### Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
15972	Product Bulletin	<a href="#">I.MX 6SOLO6DUALLITE DOCUMENTATION UPDATE</a>	11 Dec 2013	12 Dec 2013

#### Operating Characteristics

Parameter	Value
Sample Exception Availability	Y