

SC6Q888YM10AC :Part Detail

[General Information](#) | [Package Information](#) | [Environmental and Compliance Information](#) | [Manufacturing Information](#) | [Ordering Information](#) | [Product/Process Change Notice \(PCN\)](#) | [Operating Characteristics](#) | [Reliability Data Lookup](#)

General Information

Part Number	SC6Q888YM10AC
Description	i.MX 32-bit MPU, Quad ARM Cortex-A9 core, 1GHz, FCBGA 624
Product Line	GXDMX6QN
PTI	MVMT
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	5-YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	FCPBGA 624
Package Description and Mechanical Drawing	FCPBGA 624 21*21*1.45P.8
Device Weight(g)	1.28710
Package Length (nominal)(mm)	21.000
Package Width (nominal)(mm)	21.000
Package Thickness (nominal)(mm)	1.450
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

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	BRICK
Export Control Classification Number (US)	5A992
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	-
Order	

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
16354	Product Bulletin	i.MX 6Quad/6Dual Reference Manual Update	01 Aug 2014	02 Aug 2014
16355	Product Bulletin	i.MX 6Quad/6Dual Errata Document Update	01 Aug 2014	02 Aug 2014
16118	Product Bulletin	I.MX 6QUAD/6DUAL DATASHEET UPDATE	01 May 2014	02 May 2014
15997	Product Bulletin	I.MX6DQ Rev 1.3 Production Release	28 Jan 2014	29 Jan 2014
15973	Product Change Notice	i.MX6Q/D ASSEMBLY SITE 2ND SOURCE STATS PCN	24 Jan 2014	24 Apr 2014
15968	Product Bulletin	I.MX 6DUAL6QUAD DOCUMENTATION UPDATE	11 Dec 2013	12 Dec 2013
15575	Product Bulletin	I.MX 6 SERIES LDO RAMP TIME	02 Apr 2013	03 Apr 2013

Operating Characteristics

Sample Exception Availability	N
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