

# MCIMX6X2EVN10ABR :Part Detail

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## General Information

Part Number	MCIMX6X2EVN10ABR
Description	i.MX 6 series 32-bit MPU, ARM Cortex-A9 core, 800MHz, ARM Cortex-M4 core, 166MHz, BGA 400
Product Line	GZDMX6LX
PTI	MVMQ
Material Type	Tested Packaged Device
<a href="#">Life Cycle Description (code)</a>	PRODUCT RAPID GROWTH
Status	Active
<a href="#">Application/Qualification Tier</a>	10-YEARS APPLICATION LIFE

## Package Information

Package Type and Termination Count	MAPBGA 400
Package Description and Mechanical Drawing	<a href="#">MAPBGA 400 17*17*0.8P0.8</a>
Device Weight(g)	0.74280
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	17.000
Package Width (nominal)(mm)	17.000
Package Thickness (nominal)(mm)	1.530
Tape & Reel	Yes

## Environmental and Compliance Information

<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>
<a href="#">RoHS Certificate of Analysis (CoA)</a>	<a href="#">Download RoHS CoA Report</a>
<a href="#">2nd Level Interconnect</a>	e1
<a href="#">Moisture Sensitivity Level (MSL)</a>	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="#">NXP REACH Statement</a>
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)	1000
MPQ Container	REEL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	1000
POQ Container	BOX
Export Control Classification Number (US)	5A992
Harmonized Tariff (US) <a href="#">Disclaimer</a>	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
<a href="#">Budgetary Price excluding tax(US\$)</a> <a href="#">Change Currency</a>	1000 @ US\$14.45 each

Order

## Operating Characteristics

Sample Exception Availability	N
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