

## MPC184VMB Information

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### General Information

Parameter	Value
Part Number	MPC184VMB
Description	SECURITY CO-PROCESSOR
Product Line	G184VF00
PTI	NEEB
Material Type	Tested Packaged Device
<b>Life Cycle Description (code)</b>	PRODUCT LAST SHIPMENTS
Status	No Longer Manufactured
<b>Application/Qualification Tier</b>	5-YEARS APPLICATION LIFE

### Package Information

Parameter	Value
Package Type and Termination Count	MAPBGA252
Package Description and Mechanical Drawing	<a href="#">MAPBGA 252 21SQ*0.8P1.27</a>
Device Weight(g)	1.56330
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	21.000
Package Width (nominal)(mm)	21.000
Package Thickness (nominal)(mm)	1.900
Tape & Reel	No

### Environmental and Compliance Information

Parameter	Value
<b>Pb-Free</b>	
<b>RoHS Compliant</b>	
<b>Halogen Free</b>	Yes
<b>Material Composition Declaration (MCD)</b>	<a href="#">Download MCD Report</a>  <a href="#">Download MCD Report</a> 
RoHS Certificate of Analysis (CoA)	<a href="#">Download RoHS CoA Report</a>
<b>2nd Level Interconnect</b>	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

### Replacement Parts information for MPC184VMB

Replacement Part	Replacement Type	Replacement Reason	Status	Device Sample Availability	Device Production Availability	Further Replacements	Replacement Part Details
No Replacement	-	-	-	-	-	-	-

### Manufacturing Information

Parameter	Value
Micron Size(?m)	.13

### Ordering Information

Parameter	Value
Last Order Date	24 Aug 2013
Last Ship Date	15 Dec 2014
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)	5A002
Harmonized Tariff (US) <b>Disclaimer</b>	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
<b>Budgetary Price excluding tax(US\$)</b> <b>Change Currency</b>	100 @ US\$15.87 each
Device Sample Availability	01 Aug 2012
Device Production Availability	01 Aug 2012
Order	

### Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
15316	Product Discontinuance	<a href="#">End of Life for Selected NPD Devices</a>	24 Aug 2012	24 Aug 2012
15026	Product Change Notice	<a href="#">56311, 56321, 38604 AND MPC184 ADDITIONAL MAPBGA ASSEMBLY IN FSL TJN</a>	02 Mar 2012	31 May 2012
13345	Product Change Notice	<a href="#">M91J Mask Transfer</a>	04 Aug 2008	02 Nov 2008
10321	Product Bulletin	<a href="#">MPC184VFB AND MPC184VMB INTRODUCTION</a>	28 Sep 2004	29 Sep 2004

### Operating Characteristics

Parameter	Value
Device Production Availability	01 Aug 2012
Device Sample Availability	01 Aug 2012
Sample Exception Availability	N

[Reliability Data Lookup](#)

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