

MC13783VK Information

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General Information

Parameter	Value
Part Number	MC13783VK
Description	ATLAS 3G PWRMNGMNT
Product Line	GNV13783
PTI	WVPP
Material Type	Tested Packaged Device
Life Cycle Description (code)	REMOVED FROM ACTIVE PORTFOLIO
Status	No Longer Manufactured
Application/Qualification Tier	5-YEARS APPLICATION LIFE

Package Information

Parameter	Value
Package Type and Termination Count	MAPBGA 247
Package Description and Mechanical Drawing	TMAP 247 10*10*0.7P0.5
Device Weight(g)	.20530
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	10.000
Package Width (nominal)(mm)	10.000
Package Thickness (nominal)(mm)	1.200
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)	Contact Us
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

Replacement Parts information for MC13783VK

Replacement Part	Replacement Type	Replacement Reason	Status	Device Sample Availability	Device Production Availability	Further Replacements	Replacement Part Details
MC13783VK5	Same Form, Fit & Function, Pin-for-Pin Equivalent	-	Not Recommended for New Design	14 Apr 2008	14 Apr 2008	-	
MC13783VK5R2	Same Form, Fit & Function, Pin-for-Pin Equivalent	-	Not Recommended for New Design	14 Apr 2008	14 Apr 2008	-	

Manufacturing Information

Parameter	Value
Micron Size(?m)	.27

Ordering Information

Parameter	Value
Last Order Date	31 Jul 2008
Last Ship Date	31 Oct 2008
Exempt from Minimum Delivery Value	Yes
Export Control Classification Number (US)	EAR99
Harmonized Tariff (US) Disclaimer	8542.39.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-
Order	

Product/Process Change Notice (PCN)

Number	Type	Title	Issue Date	Effectivity Date
13251	Product Discontinuance	MC13783VK 3G Pwr Mgt v3.3 End Of Life	30 Apr 2008	30 Apr 2008
12530	Product Bulletin	UPDATE TO ATLAS USER GUIDE	07 May 2007	08 May 2007
12336	Product Bulletin	NANYA SUBSTRATE QUALIFICATION FOR ATLAS	03 Oct 2006	04 Oct 2006
12335	Product Bulletin	ATLAS FINAL TEST AT ASE CHUNG LI	28 Sep 2006	29 Sep 2006
12294	Product Change Notice	ATLAS REV3.4 AND IFLEX RELEASE	28 Aug 2006	26 Nov 2006
12280	Product Bulletin	ATLAS IFLEX TEST PLATFORM MIGRATION	16 Aug 2006	17 Aug 2006
12279	Product Change Notice	ATLAS IFLEX TEST PLATFORM MIGRATION	16 Aug 2006	14 Nov 2006
12281	Product Change Notice	ATLAS REV3.4 QUALIFICATION FOR MOTOROLA	16 Aug 2006	14 Nov 2006
12166	Product Change Notice	ATLAS FINAL TEST TRANSFER TO FSL-TJNFM	13 Jun 2006	11 Sep 2006

Operating Characteristics

Parameter	Value
Device Production Availability	14 Apr 2008
Device Sample Availability	14 Apr 2008
Sample Exception Availability	N

[Reliability Data Lookup](#)

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