

Search...

SPC5747GBK1VMJ6 :Part Detail

General Information	Package Information	Environmental and Compliance Information	Manufacturing Information	Ordering Information
Operating Characteristics				

General Information

Part Number	SPC5747GBK1VMJ6
Description	4 MB Flash, Vtemp, 256 MAPBGA, 160MHz, HSM+ CAN FD
Product Line	G9VA748G
PTI	JBBP
Material Type	Tested Packaged Device
Life Cycle Description (code) (/webapp/sps/site/eialink.jsp)	PRODUCT RAPID GROWTH
Status	Active
SafeAssure Functional Safety (http://www.nxp.com/about/about-nxp/technology-leadership/safeassure-functional-safety-program:SAFETYPRGRM)	ISO 26262
Application/Qualification Tier (/webapp/sps/site/aqmlink.jsp?type=pop_up)	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	MAPBGA256
Package Description and Mechanical Drawing	MAPBGA256 17*17*1.7P1.0
Device Weight(g)	1.07770
Package Length (nominal)(mm)	17.000
Package Width (nominal)(mm)	17.000
Package Thickness (nominal)(mm)	1.700
Maximum Height Above Board(mm)	1.700
Tape & Reel	No

Environmental and Compliance Information

Pb-Free (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=PBFREE_INFO&type=pop_up)	
RoHS Compliant (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=ROHS_INFO&type=pop_up)	
Halogen Free (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=HALOGEN_FREE_INFO)	Yes
Material Composition Declaration (MCD) (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=ROHS_MCD&type=pop_up)	Download MCD Report  (/mcds/SPC5747GBK1VMJ6.pdf) Download MCD Report  (/mcds/SPC5747GBK1VMJ6.xls)
RoHS Certificate of Analysis (CoA) (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=ROHS_COA&type=pop_up)	Contact Us (https://nxpcommunityforce.com/community/communityContactSupport)
2nd Level Interconnect (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=PLATING_INDICATOR_INFO)	e2
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	NXP REACH Statement (/files/corporate/doc/support_info/NXP-REACH-STATEMENT.pdf)
UL94 (plastics flammability test)	V0;Burning stops within 10 seconds on a vertical specimen;no drips allowed

Manufacturing Information

Micron Size(μm)	.05
-----------------	-----

Ordering Information

Minimum Package Quantity (MPQ)	450
MPQ Container	BRICK
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	450
POQ Container	BOX
Export Control Classification Number (US)	5A002A
Harmonized Tariff (US) Disclaimer (/webapp/sps/site/harmTariffDisclaim.jsp)	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) (/webapp/sps/site/bplink.jsp) Change Currency	-
Order	

Operating Characteristics

Sample Exception Availability	N
-------------------------------	---

ABOUT NXP

Investors (<http://investors.nxp.com/phoenix.zhtml?c=209114&p=irol-irhome>)

Partners (<http://www.nxp.com/webapp/connect/memberDirSearch.sp>)

Careers (<http://www.nxp.com/about/careers-at-nxp:CAREERS>)

RESOURCES

Mobile Apps (<http://www.nxp.com/about/nxp-mobile-applications:MOBILE>)

Press, News, Blogs (<http://media.nxp.com>)

Contact Us (<http://www.nxp.com/pages/contact-us:CONTACTUS>)

FOLLOW US

(<https://twitter.com/NXP>) (<http://www.linkedin.com/company/nxp-semiconductors>) (<https://www.facebook.com/NXPsemi>)

(<https://contact.nxp.com/Subscription-Center>)

News 16 Feb 2017
NXP Wins Prestigious Automotive Innovation Award with Radar

Read More (<http://phx.corporate-ir.net/phoenix.zhtml?c=254228&p=irol-newsArticle&cat=news&id=2246510>)

