

Search...

SPC5604BAMLL6R :Part Detail

General Information	Package Information	Environmental and Compliance Information	Manufacturing Information	Ordering Information
Operating Characteristics	Reliability Data Lookup			

General Information

Part Number	SPC5604BAMLL6R
Description	"NXP 32-bit MCU, Power Arch core, 512KB Flash, 64MHz, -40/+125degC, Automotive Grade, QFP 100"
Product Line	G9F564BB
PTI	JBDC
Material Type	Tested Packaged Device
Life Cycle Description (code) (/webapp/sps/site/eialink.jsp)	PRODUCT STABLE GROWTH/MATURITY
Status	Active
Application/Qualification Tier (/webapp/sps/site/aqtlink.jsp?type=pop_up)	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	LQFP 100
Package Description and Mechanical Drawing	LQFP 100 14SQ1.4P0.5 C90
Device Weight(g)	0.68520
Package Length (nominal)(mm)	14.000
Package Width (nominal)(mm)	14.000
Package Thickness (nominal)(mm)	1.700
Maximum Height Above Board(mm)	1.700
Tape & Reel	Yes

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/SPC5604BAMLL6R.pdf) Download MCD Report  (/mcds/SPC5604BAMLL6R.xls)
RoHS Certificate of Analysis (CoA) (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=ROHS_COA&type=pop_up)	Contact Us (https://nxpcommunity.force.com/community/communityContactSupport)
2nd Level Interconnect (http://www.nxp.com/webapp/sps/utis/showCollateral.jsp?code=PLATING_INDICATOR_INFO)	e3
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)	.09
-----------------	-----

Ordering Information

Minimum Package Quantity (MPQ)	1000
MPQ Container	REEL
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	1000
POQ Container	BOX
Leadtime (weeks)	16
Export Control Classification Number (US)	3A991A2
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
-------------------------------	---

Reliability Data Lookup

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>)

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->

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>)

