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SPC5602BK0CLH4 :Part Detail

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

General Information

Part Number	SPC5602BK0CLH4
Description	"NXP 32-bit MCU, Power Arch core, 256KB Flash, 48MHz, -40/+85degC, Automotive Grade, QFP 64"
Product Line	G9F564BC
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	QFP 64
Package Description and Mechanical Drawing	LQFP 64 10*10*1.4 P0.5
Device Weight(g)	0.36360
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	10.000
Package Width (nominal)(mm)	10.000
Package Thickness (nominal)(mm)	1.400
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/SPC5602BK0CLH4.pdf) Download MCD Report  (/mcds/SPC5602BK0CLH4.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
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Ordering Information

Minimum Package Quantity (MPQ)	800
MPQ Container	BRICK
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	800
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
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Reliability Data Lookup

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