

SPC5747GSK1MKU6R :Part Detail

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General Information

Part Number	SPC5747GSK1MKU6R
Description	"NXP 32-bit MCU, Triple core, 4MB Flash, 160MHz, -40/+125degC, Automotive Qualified, LQFP 176"
Product Line	G9F5748G
PTI	JBBP
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
SafeAssure Functional Safety	ISO 26262
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	QFP-EP 176
Package Description and Mechanical Drawing	LQFPEP 176 24SQ EP 8.0SQ
Device Weight(g)	1.86850
Package Length (nominal)(mm)	24.000
Package Width (nominal)(mm)	24.000
Package Thickness (nominal)(mm)	1.400
Tape & Reel	Yes

Environmental and Compliance Information

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	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
UL94 (plastics flammability test)	V0;Burning stops within 10 seconds on a vertical specimen;no drips allowed

Manufacturing Information

Micron Size(μm)	.05
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Ordering Information

Minimum Package Quantity (MPQ)	500
MPQ Container	REEL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	500
POQ Container	BOX
Export Control Classification Number (US)	5A002A
Harmonized Tariff (US) Disclaimer	8542.31.0000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-
Order	

Operating Characteristics

Sample Exception Availability	N
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