

S912XEQ384BVAAR :Part Detail

[General Information](#) |
 [Package Information](#) |
 [Environmental and Compliance Information](#) |
 [Manufacturing Information](#) |
 [Ordering Information](#) |
 [Operating Characteristics](#)

General Information

Part Number	S912XEQ384BVAAR
Description	16-bit MCU, S12X core, 384KB Flash, 50MHz, -40/+105degC, Automotive Qualified, QFP 80
Product Line	G9GXEQ5A
PTI	JCXE
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT MATURITY/SATURATION
Status	Active
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	QFP 80
Package Description and Mechanical Drawing	QFP 80 14*14*2.2P0.65
Device Weight(g)	0.93550
Package Material	Plastic
Mounting Style	Surface Mount
Package Length (nominal)(mm)	14.000
Package Width (nominal)(mm)	14.000
Package Thickness (nominal)(mm)	2.450
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)	Download RoHS CoA Report
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)	.18
-----------------	-----

Ordering Information

Minimum Package Quantity (MPQ)	750
MPQ Container	REEL
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	750
POQ Container	BOX
Export Control Classification Number (US)	3A991A2
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
-------------------------------	---

ABOUT NXP

[Investors](#)
[Partners](#)
[Careers](#)

RESOURCES

[Mobile Apps](#)
[Press, News, Blogs](#)
[Contact Us](#)

FOLLOW US



News 15 Feb 2017 < >

NXP Wins Prestigious Automotive Innovation Award with Radar
[Read More](#)