

S912XET256BVAAR Information

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

General Information

Parameter	Value
Part Number	S912XET256BVAAR
Description	16-bit MCU, S12X core, 256KB Flash, 50MHz, -40/+105degC, Automotive Qualified, QFP 80
Product Line	G9GXE25A
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

Parameter	Value
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

Parameter	Value
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

Parameter	Value
Micron Size(μm)	.18

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	750
MPQ Container	REEL
Exempt from Minimum Delivery Value	No
Preferred Order Quantity (POQ)	750
POQ Container	BOX
Leadtime (weeks)	12
Export Control Classification Number (US)	3A991A2
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	1 @ USeach
Order	

Operating Characteristics

Parameter	Value
Sample Exception Availability	N