

S912ZVMC25F1WKKR :Part Detail

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General Information

Part Number	S912ZVMC25F1WKKR
Description	MagniV 16-bit MCU, S12Z core, 256KB Flash, 50MHz, -40/+150degC, Automotive Qualified, 80LQFP-EP
Product Line	G9EZVM25
PTI	JCHE
Material Type	Tested Packaged Device
Life Cycle Description (code)	PRODUCT RAPID GROWTH
Status	Active
Application/Qualification Tier	AUTO; >=10 YEARS APPLICATION LIFE

Package Information

Package Type and Termination Count	LQFP-EP 80
Package Description and Mechanical Drawing	LQFP-EP 80 12*12*1.4 P.5
Device Weight(g)	0.46690
Package Length (nominal)(mm)	12.000
Package Width (nominal)(mm)	12.000
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 (PBT)(°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
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Ordering Information

Minimum Package Quantity (MPQ)	1000
MPQ Container	REEL
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	1000
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
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