

S9S12ZVLS3F0CFM :Part Detail

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General Information

Part Number	S9S12ZVLS3F0CFM
Description	MagniV 16-bit MCU, S12Z core, 32KB Flash, 25MHz, -40/+85degC, Automotive Qualified, QFN 32
Product Line	G9YZVLSA
PTI	JCHG
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	QFN-EP 32
Package Description and Mechanical Drawing	32QFN-EP 5*5*0.85P0.5 SC
Device Weight(g)	0.06370
Package Length (nominal)(mm)	5.000
Package Width (nominal)(mm)	5.000
Package Thickness (nominal)(mm)	0.850
Tape & Reel	No

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
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Ordering Information

Minimum Package Quantity (MPQ)	490
MPQ Container	TRAY
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	2450
POQ Container	BOX
Export Control Classification Number (US)	3A991A2
Harmonized Tariff (	
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US Currency	1 @ US each
Order	

Operating Characteristics

Sample Exception Availability	N
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