S9S12ZVL32F0MLC (Active)

MagniV 16-bit MCU, S12Z core, 32KB Flash, 25MHz, -40/+125degC, Automotive Qualified, QFP 32

Product Summary Software & Tools

Documentation



Package:
LQFP
plastic, low profile quad; flat leaded package; 32 terminals; 0.80 mm pitch; 7 mm x 7 mm x 1.4 mm body

Buy Options | Operating Characteristics | Environmental Information | Quality Information | Shipping Information

Buy Options

S9S12ZVL32F0MLC Active TRAY-Tray, Bakeable, Multiple in Drypack
935316209557
Min. Package Quantity: 250
Lead Time: 99 weeks
Sample Availability? Buy Direct Availability? Distributor
1 @ US **$1.53**

S9S12ZVL32F0MLCR Active REEL-Reel 13" Q2/T3 in Drypack
935316209528
Min. Package Quantity: 2000
Lead Time: 99 weeks
Distributor
1 @ US **$1.53**

Operating Characteristics

Parameter	Value
Flash (kB)	32
RAM (kB)	1
EEPROM (kB)	0.128
Core Type	S12Z
Operating Frequency [Max (MHz)]	32
I²C	1

Parameter	Value
SCI	2
SPI	1
GPIO	19
5v Reg	1
HVI	1-ch. HVI, Vsup-Sense

Environmental Information

Material Declaration	PbFree	EU RoHS	Halogen Free	RHF Indicator	2nd Level Interconnect	REACH SVHC	Weight (mg)
S9S12ZVL32F0MLC (935316209557)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	188.6
S9S12ZVL32F0MLCR (935316209528)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	188.6

Quality Information

Material Declaration	Safe Assure Functional Safety	Moisture Sensitivity Level (MSL)	Peak Package Body Temperature (PPT) (C°)	Maximum Time at Peak Temperatures (s)
		Lead Free Soldering	Lead Free Soldering	Lead Free Soldering

Material Declaration	Safe Assure Functional Safety	Moisture Sensitivity Level (MSL)	Peak Package Body Temperature (PPT) (C°)	Maximum Time at Peak Temperatures (s)
		Lead Free Soldering	Lead Free Soldering	Lead Free Soldering
S9S12ZVL32F0MLC (935316209557)	ISO 26262	3	260	40
S9S12ZVL32F0MLCR (935316209528)	ISO 26262	3	260	40

Shipping Information

Part Number	Harmonized Tarrif (US) Disclaimer	Export Control Classification Number (US)
S9S12ZVL32F0MLC (935316209557)	854231	3A991A2
S9S12ZVL32F0MLCR (935316209528)	854231	3A991A2

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