

# 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](#)    [Buy Direct](#)    [Distributor](#)    1 @ US    **\$1.53**  
[Availability?](#)    [Availability?](#)

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

## Operating Characteristics

Parameter	Value
Flash (kB)	32
RAM (kB)	1
EEPROM (kB)	0.128
Core Type	S12Z
Operating Frequency [Max (MHz)]	32
I <sup>2</sup> C	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)
<a href="#">S9S12ZVL32F0MLC</a> (935316209557)	Yes	Yes <a href="#">Certificate Of Analysis (CoA)</a>	Yes	D	e3	<a href="#">REACH SVHC</a>	188.6
<a href="#">S9S12ZVL32F0MLCR</a> (935316209528)	Yes	Yes <a href="#">Certificate Of Analysis (CoA)</a>	Yes	D	e3	<a href="#">REACH SVHC</a>	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
<a href="#">S9S12ZVL32F0MLC</a>				

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
<a href="#">S9S12ZVL32F0MLC</a> (935316209557)	ISO 26262	3	260	40
<a href="#">S9S12ZVL32F0MLCR</a> (935316209528)	ISO 26262	3	260	40

## Shipping Information

Part Number	Harmonized Tarrif (US) <a href="#">Disclaimer</a>	Export Control Classification Number (US)
<a href="#">S9S12ZVL32F0MLC</a> (935316209557)	854231	3A991A2
<a href="#">S9S12ZVL32F0MLCR</a> (935316209528)	854231	3A991A2

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