

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

S9S12ZVL32F0MLCActiveTRAY-Tray, Bakeable, Multiple in Drypack

935316209557

Min. Package Quantity: 250

Lead Time: 99 weeks

Sample Availability?

Buy Direct Availability?

Distributor

1 @ US

\$1.53

S9S12ZVL32F0MLCRActiveREEL-Reel 13" Q2/T3 in Drypack

935316209528

Min. Package Quantity: 2000

Lead Time: 99 weeks

Distributor

1 @ US

\$1.53

Operating Characteristics

Parameter	Value	Parameter	Value
Flash (kB)	32	SCI	2
RAM (kB)	1	SPI	1
EEPROM (kB)	0.128	GPIO	19
Core Type	S12Z	5v Reg	1
Operating Frequency [Max (MHz)]	32	HVI	1-ch. HVI, Vsup-Sense
I ² C	1		

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

ABOUT NXP

Investors

Partners

Careers

RESOURCES

Mobile Apps

Press, News, Blogs

Contact Us

FOLLOW US



News **20 Jul 2017** [<](#) [>](#)

NXP Announces Production of Security Chips in its US Manufacturing Facilities

[Read More](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NXP:

[S9S12ZVL32F0MLC](#) [S9S12ZVL32F0MLCR](#)