

S912ZVML32F3WKH

(Active)

MagniV 16-bit MCU, S12Z core, 32KB Flash, 50MHz, -40/+150degC, Automotive Qualified, QFP 64

Product Summary

Software & Tools

Documentation



Package :

HLQFP

plastic, thermal enhanced low profile quad flat package; 64 terminals; 0.50 mm pitch; 10 mm x 10 mm x 1.4 mm body

Buy Options

Operating Characteristics

Environmental Information

Quality Information

Shipping Information

Buy Options

S912ZVML32F3WKH

Active

TRAY-Tray, Bakeable, Multiple in Drypack

Distributor

935334924557

Min. Package Quantity: 160

Lead Time: 99 weeks

S912ZVML32F3WKHR

Active

REEL-Reel 13" Q2/T3 in Drypack

Distributor

935334924528

Min. Package Quantity: 1500

Lead Time: 99 weeks

Operating Characteristics

Parameter	Value	Parameter	Value
Flash (kB)	32	SCI	2
RAM (kB)	4	SPI	1
EEPROM (kB)	0.512	5v Reg	1
Core Type	S12Z	Motor	brushless DC/permanent magnet synchronous motor
Operating Frequency [Max (MHz)]	50	PHY	CAN
CAN	1		

Environmental Information

Material Declaration	PbFree	EU RoHS	Halogen Free	RHF Indicator	2nd Level Interconnect	REACH SVHC	Weight (mg)
 S912ZVML32F3WKH (935334924557)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	373.6
 S912ZVML32F3WKHR (935334924528)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	373.6

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
				

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S912ZVML32F3WKH (935334924557)	Quality Managed	3	260	40
S912ZVML32F3WKHR (935334924528)	Quality Managed	3	260	40

Shipping Information

Part Number	Harmonized Tarrif (US) Disclaimer	Export Control Classification Number (US)
S912ZVML32F3WKH (935334924557)	854231	3A991A2
S912ZVML32F3WKHR (935334924528)	854231	3A991A2

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