S912ZVC19AMLF

Active
Fully qualified to meet NXP quality and reliability requirements. Available for production quantity orders.

Features

MagniV 16-bit MCU, S12Z core, 192KB Flash, 32MHz, -40/+125degC, Automotive Qualified, QFP 48.

Product Summary | Design Resources | Documentation

Package

LQFP48
LQFP48, plastic, low profile quad flat package; 48 terminals; 0.5 mm pitch; 7 mm x 7 mm x 1.4 mm body.



Buy Options | Operating Features | Environmental | Quality | Shipping

Buy Options

S912ZVC19AMLF
12NC: 935432524557
Active

Packing: TRAY-Tray, Bakeable, Multiple in Drypack
Min. Package Quantity: 250
Min. Order Quantity: 1250
Lead Time: 26

› Available Distributors: S912ZVC19AMLF

S912ZVC19AMLFR
12NC: 935432524528
Active

Packing: REEL-Reel 13" Q2/T3 in Drypack
Min. Package Quantity: 2000
Min. Order Quantity: 2000
Lead Time: 26

› Available Distributors: S912ZVC19AMLFR

Operating Features

Parameter	Value
Core Type	S12Z
Operating Frequency [Max] (MHz)	32
Flash (kB)	192
RAM (kB)	12
EEPROM (kB)	2
Other Analog	4-ch NGPIO
PHY	CAN
GPIO	28
CAN	1

Parameter	Value
SCI	2
SPI	1
I²C	1
External Analog [ADC] (Channels, bits)	10 , 10
Internal Analog [ADC] (Channels, bits)	10 , 5
16-bit PWM	3
16-bit Timer	4
SENT	1

Environmental

Part/12NC	PbFree	EU RoHS	Halogen Free	RHF Indicator	REACH SVHC	Weight (mg)
S912ZVC19AMLF (935432524557)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	REACH SVHC	178.25
S912ZVC19AMLFR (935432524528)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	REACH SVHC	178.25

Quality

Part/12NC	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
S912ZVC19AMLF (935432524557)	ISO 26262	3	260	40
S912ZVC19AMLFR (935432524528)	ISO 26262	3	260	40

Shipping

Part/12NC	Harmonized Tariff (US) Disclaimer	Export Control Classification Number (US)
S912ZVC19AMLF (935432524557)	854231	3A991A2
S912ZVC19AMLFR (935432524528)	854231	3A991A2

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