

MC9S08SH16MTJ (Active)

S08SH 8-bit MCU, S08 core, 16KB Flash, 40MHz, SOP 20

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Package :
TSSOP
plastic, thin shrink small outline package; 20 terminals; 0.65 mm pitch; 6.5 mm x 4.4 mm x 1.05 mm body

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

Buy Options

MC9S08SH16MTJActiveTUBE-Tube in Drypack
935313992574 Min. Package Quantity: 75
Lead Time: 10 weeks

Distributor

MC9S08SH16MTJRActiveREEL-Reel 13" Q1/T1 in LargePack
935313992534 Min. Package Quantity: 5000
Lead Time: 10 weeks

Distributor

Operating Characteristics

Parameter	Value
Flash (kB)	16
RAM (kB)	1
Core Type	S08
Operating Frequency [Max (MHz)]	20
Bus Frequency (MAX) (MHz)	20
I ² C	1

Parameter	Value
SPI	1
Supply voltage [min] (V)	2.7
Supply voltage [max] (V)	5.5
GPIO	17
Ambient Operating Temperature (Min-Max) (°C)	-40 to 85

Environmental Information

Material Declaration	PbFree	EU RoHS	Halogen Free	RHF Indicator	2nd Level Interconnect	REACH SVHC	Weight (mg)
MC9S08SH16MTJ (935313992574)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	81.4
MC9S08SH16MTJR (935313992534)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	81.4

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
MC9S08SH16MTJ (935313992574)	..	3	260	40

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
(935313992574)				
MC9S08SH16MTJR (935313992534)	No	3	260	40

Shipping Information

Part Number	Harmonized Tarrif (US) Disclaimer	Export Control Classification Number (US)
MC9S08SH16MTJ (935313992574)	854231	EAR99
MC9S08SH16MTJR (935313992534)	854231	EAR99

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