

G9S08SG16E1MTG (Active)

8-bit MCU, S08 core, 16KB Flash, 40MHz, -40/+125degC, Automotive Qualified, SOP 16

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Package :
TSSOP16
TSSOP16, plastic, thin shrink small outline package; 16 terminals; 0.65 mm pitch; 4.4 mm x 5 mm x 1.05 mm body

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

Operating Characteristics

Parameter	Value
Flash (kB)	16
RAM (kB)	1
Operating Frequency [Max (MHz)]	20
I ² C	1
SPI	1

Parameter	Value
Supply voltage [min] (V)	2.7
Supply voltage [max] (V)	5.5
GPIO	12
Ambient Operating Temperature (Min-Max) (°C)	-40 to 85
SCI	1

Environmental Information

Material Declaration	PbFree	EU RoHS	Halogen Free	RHF Indicator	2nd Level Interconnect	REACH SVHC	Weight (mg)
S9S08SG16E1MTG (935314753574)	Yes	Yes	Yes	D	e3	REACH SVHC	62.2
S9S08SG16E1MTGR (935314753518)	Yes	Yes	Yes	D	e3	REACH SVHC	62.2

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
S9S08SG16E1MTG (935314753574)	No	3	260	40
S9S08SG16E1MTGR (935314753518)	No	3	260	40

Shipping Information

Part Number	Harmonized Tariff (US) Disclaimer	Export Control Classification Number (US)
S9S08SG16E1MTG (935314753574)	854231	EAR99
S9S08SG16E1MTGR (935314753518)	854231	EAR99

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