

MC9S08DV32AMLF (Active)

S08DV 8-bit MCU, S08 core, 32KB Flash, 40MHz, QFP 48

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Package :
LQFP
plastic, low profile quad; flat
leaded package; 48 terminals;
0.5 mm pitch; 7 mm x 7 mm x 1.4
mm body

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

Operating Characteristics

Parameter	Value
Flash (kB)	32
RAM (kB)	2
Core Type	S08
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	40
Ambient Operating Temperature (Min-Max) (°C)	-40 to 85
SCI	2

Environmental Information

Material Declaration	PbFree	EU RoHS	Halogen Free	RHF Indicator	2nd Level Interconnect	REACH SVHC	Weight (mg)
MC9S08DV32AMLF (935324257557)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	178.25
MC9S08DV32AMLFR (935324257528)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	REACH SVHC	178.25

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
MC9S08DV32AMLF (935324257557)	No	3	260	40
MC9S08DV32AMLFR (935324257528)	No	3	260	40

Shipping Information

Part Number	Harmonized Tariff (US) Disclaimer	Export Control Classification Number (US)
MC9S08DV32AMLF	854231	3A991A2

Part Number	Harmonized Tariff (US) Disclaimer	Export Control Classification Number (US)
MC9S08DV32AMLFR (935324257528)	854231	3A991A2

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