

# MC9S08DV48AMLF (Active)

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

[Data Sheet](#)[Product Summary](#)[Software & Tools](#)[Documentation](#)**Package :**

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

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## Operating Characteristics

Parameter	Value
Flash (kB)	48
RAM (kB)	2
Core Type	S08
Operating Frequency [Max (MHz)]	20
I <sup>2</sup> 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)
 MC9S08DV48AMLF (935321342557)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	e3	<a href="#">REACH SVHC</a>	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
 MC9S08DV48AMLF (935321342557)	No	3	260	40

## Shipping Information

Part Number	Harmonized Tariff (US) <a href="#">Disclaimer</a>	Export Control Classification Number (US)
 MC9S08DV48AMLF (935321342557)	854231	3A991A2

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