

MC9S08DV48AMLF (Active)

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

- Data Sheet
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- Documentation



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) | 48 |
| 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) |
|---|--------|--|--------------|---------------|------------------------|----------------------------|-------------|
| MC9S08DV48AMLF (935321342557) | 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 |
| MC9S08DV48AMLF (935321342557) | No | 3 | 260 | 40 |

Shipping Information

| Part Number | Harmonized Tariff (US) Disclaimer | Export Control Classification Number (US) |
|---|---|---|
| MC9S08DV48AMLF (935321342557) | 854231 | 3A991A2 |

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