

S9S08RN48W1MLCR



Part Number: [S9S08RN48W1MLCR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 8-BIT MCU S08 CORE 48KB FLASH

Data sheet:  [S9S08RN60](#), [S9S08RN48](#), [S9S08RN32](#)

RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                           |                                |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S9S08RN48W1MLCR                                                           | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-BIT MCU S08 CORE 48KB FLASH                                             | Lead Free Status / RoHS Status |                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40674 pcs                                                                 | Data sheet                     | <a href="#">S9S08RN60</a> , <a href="#">S9S08RN48</a> , <a href="#">S9S08RN32</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 5.5 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 32-LQFP (7x7)                                                             | Speed                          | 20MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S08                                                                       | RAM Size                       | 4K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                     | Program Memory Size            | 48KB (48K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LVD, POR, PWM, WDT                                                        | Packaging                      | Tape & Reel (TR)                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-LQFP                                                                   | Other Names                    | 935324795528                                                                      |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                                                  | Operating Temperature          | -40°C ~ 125°C (TA)                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 26                                                                        | EEPROM Size                    | 256 x 8                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S08 S08 Microcontroller IC 8-Bit 20MHz 48KB (48K x 8) FLASH 32-LQFP (7x7) | Data Converters                | A/D 16x12b                                                                        |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                     | Core Processor                 | S08                                                                               |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I <sup>2</sup> C, LINbus, SPI, UART/USART                                 |                                |                                                                                   |
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