

MC9S08PA4MTGR



Part Number: [MC9S08PA4MTGR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: S08PA 8-BIT MCU S08 CORE 4KB F

Data sheet:  [MC9S08PA4 Ref Manual](#)  
 [MC9S08PA4 Mask Errata](#)  
 [MC9S08PA4A](#)

RoHs Status:

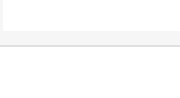
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC9S08PA4MTGR                             | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S08PA 8-BIT MCU S08 CORE 4KB F            | Lead Free Status / RoHS Status   |                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 88269 pcs                                 | Data sheet                       | <a href="#">MC9S08PA4 Ref Manual</a><br><a href="#">MC9S08PA4 Mask Errata</a><br><a href="#">MC9S08PA4A</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16-TSSOP                                  | Speed                            | 20MHz                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | S08                                       | RAM Size                         | 512 x 8                                                                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 4KB (4K x 8)                                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LVD, POR, PWM, WDT                        | Packaging                        | Tape & Reel (TR)                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-TSSOP (0.173", 4.40mm Width)           | Other Names                      | 935320518518                                                                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                  | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                          |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                               |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 128 x 8                                   | Detailed Description             | S08 S08 Microcontroller IC 8-Bit 20MHz 4KB (4K x 8) FLASH 16-TSSOP                                          |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 8x12b                                 | Core Size                        | 8-Bit                                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | S08                                       | Connectivity                     | LINbus, SPI, UART/USART                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MC9S08PA32VLH</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA60AVLF</a><br>Description: IC MCU 8BIT 60KB FLASH 48LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08PA4VTGR</a><br>Description: IC MCU 8BIT 4KB FLASH 16TSSOP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA4MTG</a><br>Description: IC MCU 8BIT 4KB FLASH 16TSSOP    | Manufacturers: <a href="#">NXP USA Inc.</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA4AVSC</a><br>Description: PA4 SOIC8                       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA4VWJR</a><br>Description: IC MCU 8BIT 4KB FLASH 20SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA4AVTGR</a><br>Description: S08PA 8-BIT MCU S08 CORE 4KB F | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA4AVWJ</a><br>Description: IC MCU 8BIT 4KB FLASH 20SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA60AVLH</a><br>Description: IC MCU 8BIT 60KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA32VLF</a><br>Description: IC MCU 8BIT 32KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC9S08PA60AVLC</a><br>Description: IC MCU 8BIT 60KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA60AVLDR</a><br>Description: S08PA 8-BIT MCU S08 CORE 60KB | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA60AVQH</a><br>Description: IC MCU 8BIT 60KB FLASH 64QFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PA4VTG</a><br>Description: IC MCU 8BIT 4KB FLASH 16TSSOP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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| Related keywords for MC9S08PA4MTGR |                                |                                  |                                                                           |
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