

MC9S08PT32AVLF



Part Number: [MC9S08PT32AVLF](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 32KB FLASH 48LQFP

Data sheet:  [MC9S08PT60\(A\) & MC9S08PT32\(A\) Ref Manual](#)  
 [MC9S08PT32\(A\), MC9S08PT60\(A\)](#)

RoHs Status: Lead free / RoHS Compliant

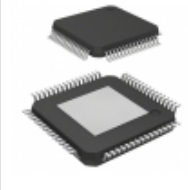
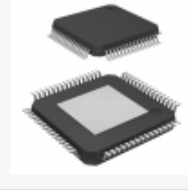
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MC9S08PT32AVLF with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                           |                                  |                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MC9S08PT32AVLF                                                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 32KB FLASH 48LQFP                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 50185 pcs                                                                 | Data sheet                       | <a href="#">MC9S08PT60(A) &amp; MC9S08PT32(A) Ref Manual</a><br><a href="#">MC9S08PT32(A), MC9S08PT60(A)</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 48-LQFP (7x7)                                                             | Speed                            | 20MHz                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S08                                                                       | RAM Size                         | 4K x 8                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                     | Program Memory Size              | 32KB (32K x 8)                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LVD, POR, PWM, WDT                                                        | Packaging                        | Tray                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 48-LQFP                                                                   | Other Names                      | 935315671557                                                                                                 |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 41                                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                | EEPROM Size                      | 256 x 8                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S08 S08 Microcontroller IC 8-Bit 20MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) | Data Converters                  | A/D 16x12b                                                                                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                     | Core Processor                   | S08                                                                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PC, LINbus, SPI, UART/USART                                               |                                  |                                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 50185 pieces of NXP Semiconductors / Freescale MC9S08PT32AVLF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                           |                                  |                                                                                                              |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MC9S08PT32AVLH</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16VWJ</a><br>Description: IC MCU 8BIT 16KB FLASH 20SOIC   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16VTJ</a><br>Description: S08PT 8-BIT MCU S08 CORE 16KB   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16VLCR</a><br>Description: IC MCU 8BIT 16KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32AVQH</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32VLF</a><br>Description: IC MCU 8BIT 32KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16VTG</a><br>Description: IC MCU 8BIT 16KB FLASH 16TSSOP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16AVTJ</a><br>Description: IC MCU 8BIT 16KB FLASH 20TSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32VLD</a><br>Description: IC MCU 8BIT 32KB FLASH 44LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32VQH</a><br>Description: IC MCU 8BIT 32KB FLASH 64QFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT60AVLD</a><br>Description: IC MCU 8BIT 60KB FLASH 44LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT60AVLC</a><br>Description: IC MCU 8BIT 60KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16VLD</a><br>Description: S08PT 8-BIT MCU S08 CORE 16KB   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32VLCR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32AVLD</a><br>Description: IC MCU 8BIT 32KB FLASH 44LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16AVWJ</a><br>Description: IC MCU 8BIT 16KB FLASH 20SOIC  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32VLH</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT16VLC</a><br>Description: IC MCU 8BIT 16KB FLASH 32LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32VLC</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC9S08PT32AVLC</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

Related keywords for MC9S08PT32AVLF

|                                                |                                                   |                                                              |                                             |
|------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|---------------------------------------------|
| <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">MC9S08PT32AVLF distributor</a>        | <a href="#">MC9S08PT32AVLF supplier</a>                      | <a href="#">MC9S08PT32AVLF price</a>        |
| <a href="#">MC9S08PT32AVLF</a>                 | <a href="#">MC9S08PT32AVLF download datasheet</a> | <a href="#">MC9S08PT32AVLF datasheet</a>                     | <a href="#">MC9S08PT32AVLF stock</a>        |
| <a href="#">buy MC9S08PT32AVLF</a>             | <a href="#">NXP Semiconductors / Freescale</a>    | <a href="#">NXP Semiconductors MC9S08PT32AVLF</a>            | <a href="#">Freescale MC9S08PT32AVLF</a>    |
|                                                | <a href="#">MC9S08PT32AVLF</a>                    | <a href="#">Freescale Semiconductor - NXP MC9S08PT32AVLF</a> | <a href="#">NXP USA Inc. MC9S08PT32AVLF</a> |