



NXP Semiconductors / Freescale

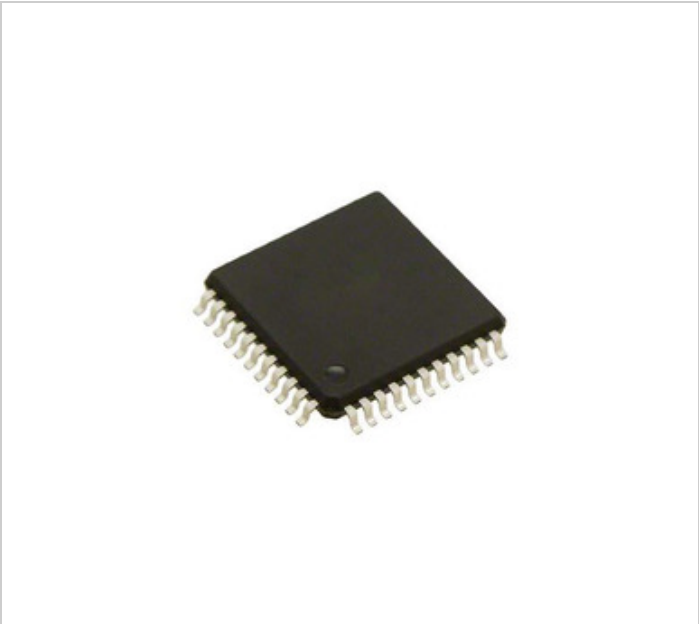


Image may be representation. See specifications for product details.

MC9S08AW48CFGE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08AW48CFGE                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 48KB FLASH 44LQFP                                                                                |
| Datasheets:         |  MC9S08AW48CFGE.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

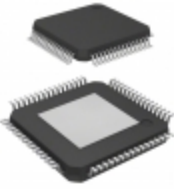
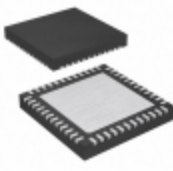
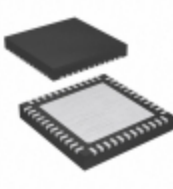
Specifications of MC9S08AW48CFGE

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S08AW48CFGE                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 48KB FLASH 44LQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  MC9S08AW48CFGE.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 44-LQFP (10x10)                                                                                        |
| SPEED                            | 40MHz                                                                                                  |
| SERIES                           | S08                                                                                                    |
| RAM SIZE                         | 2K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 48KB (48K x 8)                                                                                         |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 44-LQFP                                                                                                |
| OTHER NAMES                      | 935313554557                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                      |
| NUMBER OF I/O                    | 34                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 40MHz 48KB (48K x 8) FLASH 44-LQFP (10x10)                            |
| DATA CONVERTERS                  | A/D 8x10b                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                  |
| CORE PROCESSOR                   | S08                                                                                                    |
| CONNECTIVITY                     | I²C, SCI, SPI                                                                                          |
| BASE PART NUMBER                 | MC9S08AW48                                                                                             |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MC9S08AW48CFGE | MC9S08AW48CFGE Distributor              | MC9S08AW48CFGE Supplier                           |
| MC9S08AW48CFGE Price                          | MC9S08AW48CFGE Pictures                 | MC9S08AW48CFGE Image                              |
| MC9S08AW48CFGE PDF Datasheet                  | MC9S08AW48CFGE Download Datasheet       | MC9S08AW48CFGE Datasheet                          |
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| NXP Semiconductors / Freescale MC9S08AW48CFGE | NXP Semiconductors MC9S08AW48CFGE       | Freescale MC9S08AW48CFGE                          |
| Freescale Semiconductor - NXP MC9S08AW48CFGE  | NXP USA Inc. MC9S08AW48CFGE             |                                                   |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC9S08AW60CFGE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 44LQFP<br/>In stock: 343 pcs<br/><b>RFQ</b></div>    |  <div><b>MC9S08AW48CPUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 48KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>MC9S08AW48CFUER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 48KB FLASH 64QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>MC9S08AW32VFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>MC9S08AW32VFGE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: 800 pcs<br/><b>RFQ</b></div>    |  <div><b>MC9S08AW60CFDE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 60KB FLASH 48QFN<br/>In stock: 331 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MC9S08AW32CPUER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S08AW 8-BIT MCU S08 CORE 32KB<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>MC9S08AW48CFDE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 48KB FLASH 48QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>MC9S08AW32MFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 64QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>MC9S08AW48CFGER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S08AW 8-BIT MCU S08 CORE 48KB<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>MC9S08AW32MFGE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 32KB FLASH 44LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>MC9S08AW48CFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 48KB FLASH 64QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |