

NXP Semiconductors / Freescale

MC908GR16AVFAE

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Part Number:        | MC908GR16AVFAE                                   |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                   |
| Product description | IC MCU 8BIT 16KB FLASH 48LQFP                    |
| Datasheets:         |                                                  |
| RoHs Status         | <div><div></div>Lead free / RoHS Compliant</div> |
| Stock Condition     | 4670 pcs stock                                   |
| Ship From           | Hong Kong                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                            |

REQUEST FOR QUOTATION

Specifications of MC908GR16AVFAE

|                                  |                                                                            |
|----------------------------------|----------------------------------------------------------------------------|
| PART NUMBER                      | MC908GR16AVFAE                                                             |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                             |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 48LQFP                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| QUANTITY AVAILABLE               | 4670 pcs                                                                   |
| DATA SHEET                       |                                                                            |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                              |
| SPEED                            | 8MHz                                                                       |
| SERIES                           | HC08                                                                       |
| RAM SIZE                         | 1K x 8                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                      |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                             |
| PERIPHERALS                      | LVD, POR, PWM                                                              |
| PACKAGING                        | Tray                                                                       |
| PACKAGE / CASE                   | 48-LQFP                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                         |
| NUMBER OF I/O                    | 37                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                 |
| EEPROM SIZE                      | -                                                                          |
| DETAILED DESCRIPTION             | HC08 HC08 Microcontroller IC 8-Bit 8MHz 16KB (16K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 8x10b                                                                  |
| CORE SIZE                        | 8-Bit                                                                      |
| CORE PROCESSOR                   | HC08                                                                       |
| CONNECTIVITY                     | LINbus, SCI, SPI                                                           |
| BASE PART NUMBER                 | MC908GR16                                                                  |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MC908GR16AVFAE               | MC908GR16AVFAE Distributor        | MC908GR16AVFAE Supplier  |
| MC908GR16AVFAE Price         | MC908GR16AVFAE Pictures           | MC908GR16AVFAE Image     |
| MC908GR16AVFAE PDF Datasheet | MC908GR16AVFAE Download Datasheet | MC908GR16AVFAE Datasheet |
| MC908GR16AVFAE Stock         | Buy MC908GR16AVFAE                | Buy MC908GR16AVFAE       |
| MC908GR16AVFAE               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                          |                                                                                      |                                                                                                                                          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MC908GR16AMFJE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 3878 pcs</p> <p>RFQ</p>  |  | <p><b>MC908GR16MFAE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 6029 pcs</p> <p>RFQ</p>   |
|  | <p><b>MC908GR16CFAE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 9153 pcs</p> <p>RFQ</p>   |  | <p><b>MC908GR16AVFJE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 2713 pcs</p> <p>RFQ</p>  |
|  | <p><b>MC908GR16AVFAER</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 4668 pcs</p> <p>RFQ</p> |  | <p><b>MC908GR16ACFAER</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 6242 pcs</p> <p>RFQ</p> |
|  | <p><b>MC908GR16VF AE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 15114 pcs</p> <p>RFQ</p> |  | <p><b>MC908GP32CPE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 32KB FLASH 40DIP<br/>In stock: 6932 pcs</p> <p>RFQ</p>     |
|  | <p><b>MC908GR16ACFJE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 32LQFP<br/>In stock: 5040 pcs</p> <p>RFQ</p>  |  | <p><b>MC908GR32ACFAE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 32KB FLASH 48LQFP<br/>In stock: 11487 pcs</p> <p>RFQ</p> |
|  | <p><b>MC908GP8CFBE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 8KB FLASH 44QFP<br/>In stock: 5502 pcs</p> <p>RFQ</p>      |  | <p><b>MC908GR16ACFAE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 8BIT 16KB FLASH 48LQFP<br/>In stock: 7886 pcs</p> <p>RFQ</p>  |