

NXP Semiconductors / Freescale

MC9S12C64CFAER

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12C64CFAER                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 64KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11695 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

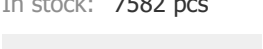
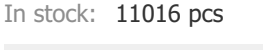
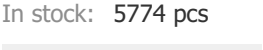
Specifications of MC9S12C64CFAER

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12C64CFAER                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                 |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 48LQFP                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| QUANTITY AVAILABLE               | 11695 pcs                                                                      |
| DATA SHEET                       |                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                 |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                  |
| SPEED                            | 25MHz                                                                          |
| SERIES                           | HCS12                                                                          |
| RAM SIZE                         | 4K x 8                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                          |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                 |
| PERIPHERALS                      | POR, PWM, WDT                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                               |
| PACKAGE / CASE                   | 48-LQFP                                                                        |
| OTHER NAMES                      | 935313506528                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                              |
| NUMBER OF I/O                    | 31                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| EEPROM SIZE                      | -                                                                              |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 64KB (64K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 8x10b                                                                      |
| CORE SIZE                        | 16-Bit                                                                         |
| CORE PROCESSOR                   | HCS12                                                                          |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, SPI                                                      |
| BASE PART NUMBER                 | MC9S12C64                                                                      |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MC9S12C64CFAER               | MC9S12C64CFAER Distributor        | MC9S12C64CFAER Supplier  |
| MC9S12C64CFAER Price         | MC9S12C64CFAER Pictures           | MC9S12C64CFAER Image     |
| MC9S12C64CFAER PDF Datasheet | MC9S12C64CFAER Download Datasheet | MC9S12C64CFAER Datasheet |
| MC9S12C64CFAER Stock         | Buy MC9S12C64CFAER                | Buy MC9S12C64CFAER       |
| MC9S12C64CFAER               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                                                                           |                                                                                      |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S12C32VFAE16</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br>In stock: 10906 pcs<br> |  | <b>MC9S12C64MPBE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 52LQFP<br>In stock: 10290 pcs<br> |
|  | <b>MC9S12C64CFAE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br>In stock: 6942 pcs<br>    |  | <b>MC9S12C64MFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 80QFP<br>In stock: 5670 pcs<br>   |
|  | <b>MC9S12C32VFUE25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 3896 pcs<br>   |  | <b>MC9S12C32VFUE16</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 7798 pcs<br> |
|  | <b>MC9S12C64CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 80QFP<br>In stock: 6619 pcs<br>     |  | <b>MC9S12C64MFAE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br>In stock: 6735 pcs<br>  |
|  | <b>MC9S12C32VFAE25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br>In stock: 13376 pcs<br> |  | <b>MC9S12C64CPBE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 52LQFP<br>In stock: 7582 pcs<br>  |
|  | <b>MC9S12C32VPBE16</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br>In stock: 11016 pcs<br> |  | <b>MC9S12C64MFA</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br>In stock: 5774 pcs<br>   |