



NXP Semiconductors / Freescale

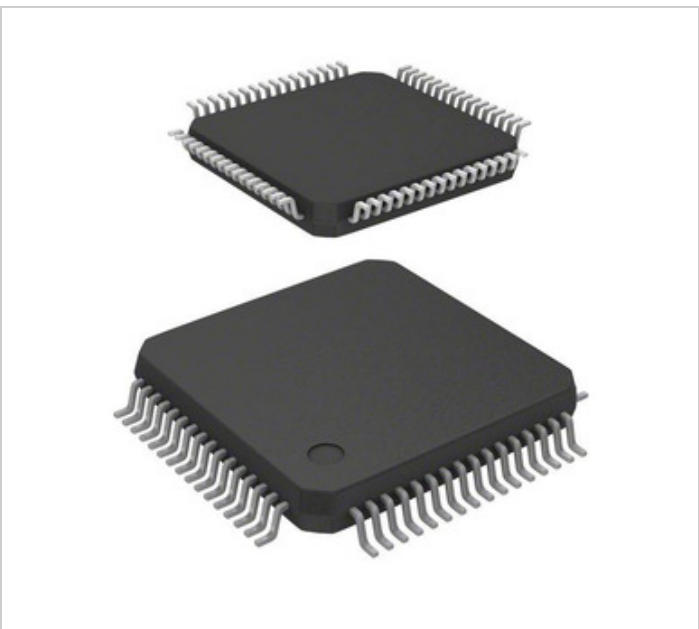


Image may be representation. See specifications for product details.

MC9S12UF32PB

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12UF32PB                                                                                                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 16BIT 32KB FLASH 64LQFP                                                                                       |
|                     | <a href="#">1.MC9S12UF32PB.pdf</a>                                                                                   |
|                     | <a href="#">2.MC9S12UF32PB.pdf</a>                                                                                   |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

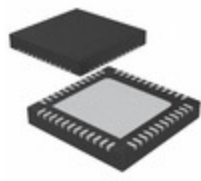
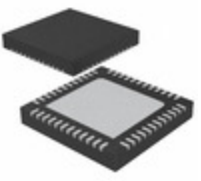
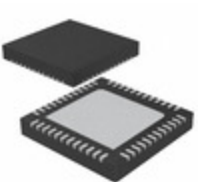
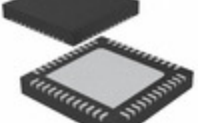
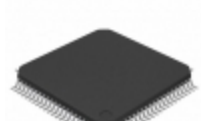
Specifications of MC9S12UF32PB

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12UF32PB                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 64LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                               |
| DATA SHEET                       | <a href="#">1.MC9S12UF32PB.pdf</a><br><a href="#">2.MC9S12UF32PB.pdf</a>         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.25 V ~ 5.5 V                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                  |
| SPEED                            | 30MHz                                                                            |
| SERIES                           | HCS12                                                                            |
| RAM SIZE                         | 3.5K x 8                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                            |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                   |
| PERIPHERALS                      | POR, WDT                                                                         |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 64-LQFP                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                  |
| NUMBER OF I/O                    | 41                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                               |
| EEPROM SIZE                      | -                                                                                |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 30MHz 32KB (32K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | -                                                                                |
| CORE SIZE                        | 16-Bit                                                                           |
| CORE PROCESSOR                   | HCS12                                                                            |
| CONNECTIVITY                     | ATA, Compact Flash, EBI/EMI, Memory Card, SCI, SD, Smart Media, USB              |
| BASE PART NUMBER                 | 9S12UF32                                                                         |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale MC9S12UF32PB | MC9S12UF32PB Distributor                | MC9S12UF32PB Supplier                           |
| MC9S12UF32PB Price                          | MC9S12UF32PB Pictures                   | MC9S12UF32PB Image                              |
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| NXP Semiconductors / Freescale MC9S12UF32PB | NXP Semiconductors MC9S12UF32PB         | Freescale MC9S12UF32PB                          |
| Freescale Semiconductor - NXP MC9S12UF32PB  | NXP USA Inc. MC9S12UF32PB               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                         |
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|  <div><b>MC9S12P96MFT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 48QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>      |  <div><b>MC9S12P96MFTR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 48QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |
|  <div><b>MC9S12UF32PBE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>    |  <div><b>MC9S12P96CFT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 48QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |
|  <div><b>MC9S12XA256CAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 80QFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>MC9S12UF32PU</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |
|  <div><b>MC9S12XA256CAG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MC9S12P96VFT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 48QFN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>     |
|  <div><b>MC9S12XA256CAAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 80QFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MC9S12UF32PUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 100LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MC9S12T64MPKE16</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 80LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MC9S12T64CPKE16</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 80LQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |

