



Image may be representation. See specifications for product details.

MC912D60ACPV8

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC912D60ACPV8                                                                                                        |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 16BIT 60KB FLASH 112LQFP                                                                                      |
| Datasheets:         |  <a href="#">MC912D60ACPV8.pdf</a>  |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MC912D60ACPV8

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC912D60ACPV8                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 60KB FLASH 112LQFP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                    |
| DATA SHEET                       |  <a href="#">MC912D60ACPV8.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 112-LQFP (20x20)                                                                                                      |
| SPEED                            | 8MHz                                                                                                                  |
| SERIES                           | HC12                                                                                                                  |
| RAM SIZE                         | 2K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 60KB (60K x 8)                                                                                                        |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                         |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 112-LQFP                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 68                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                    |
| EEPROM SIZE                      | 1K x 8                                                                                                                |
| DETAILED DESCRIPTION             | CPU12 HC12 Microcontroller IC 16-Bit 8MHz 60KB (60K x 8) FLASH 112-LQFP (20x20)                                       |
| DATA CONVERTERS                  | A/D 16x8/10b                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                                |
| CORE PROCESSOR                   | CPU12                                                                                                                 |
| CONNECTIVITY                     | CANbus, MI Bus, SCI, SPI                                                                                              |
| BASE PART NUMBER                 | MC912D60                                                                                                              |

Related Tags

|                                              |                                         |                                                  |
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| NXP Semiconductors / Freescale MC912D60ACPV8 | MC912D60ACPV8 Distributor               | MC912D60ACPV8 Supplier                           |
| MC912D60ACPV8 Price                          | MC912D60ACPV8 Pictures                  | MC912D60ACPV8 Image                              |
| MC912D60ACPV8 PDF Datasheet                  | MC912D60ACPV8 Download Datasheet        | MC912D60ACPV8 Datasheet                          |
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| NXP Semiconductors / Freescale MC912D60ACPV8 | NXP Semiconductors MC912D60ACPV8        | Freescale MC912D60ACPV8                          |
| Freescale Semiconductor - NXP MC912D60ACPV8  | NXP USA Inc. MC912D60ACPV8              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC912D60AVPVE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC912D60AMFUE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC908SR12MFAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 12KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MC912D60ACFU8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MC908SR12CFAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 12KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MC912D60ACFUE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 80QFP<br/>In stock: 717 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MC912D60AMPVE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC912D60ACPVE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br/>In stock: 624 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MC908SR12CBE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 12KB FLASH 42PSDIP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MC908SR12MFAER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 12KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MC912DG128ACPV</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC912D60CCPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |