

NXP Semiconductors / Freescale



S912XEP100J4MAL

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912XEP100J4MAL                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 1MB FLASH |
| Datasheets:         |                                |
| Stock Condition     | 5393 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of S912XEP100J4MAL

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | S912XEP100J4MAL                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 1MB FLASH                                                    |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                   |
| QUANTITY AVAILABLE               | 5393 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.72 V ~ 5.5 V                                                                    |
| SUPPLIER DEVICE PACKAGE          | 112-LQFP (20x20)                                                                  |
| SPEED                            | 50MHz                                                                             |
| SERIES                           | HCS12X                                                                            |
| RAM SIZE                         | 64K x 8                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                             |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                      |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 112-LQFP                                                                          |
| OTHER NAMES                      | 935309722557                                                                      |
| OSCILLATOR TYPE                  | External                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                |
| NUMBER OF I/O                    | 91                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                     |
| EEPROM SIZE                      | 4K x 8                                                                            |
| DETAILED DESCRIPTION             | HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 1MB (1M x 8) FLASH 112-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x12b                                                                        |
| CORE SIZE                        | 16-Bit                                                                            |
| CORE PROCESSOR                   | HCS12X                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SCI, SPI                                 |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912XEP100J4MAL               | S912XEP100J4MAL Distributor        | S912XEP100J4MAL Supplier  |
| S912XEP100J4MAL Price         | S912XEP100J4MAL Pictures           | S912XEP100J4MAL Image     |
| S912XEP100J4MAL PDF Datasheet | S912XEP100J4MAL Download Datasheet | S912XEP100J4MAL Datasheet |
| S912XEP100J4MAL Stock         | Buy S912XEP100J4MAL                | Buy S912XEP100J4MAL       |
| S912XEP100J4MAL               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                           |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912XEP100BMAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 1MB FLASH 112LQFP<br>In stock: 5285 pcs<br>RFQ   |  | <b>S912XEP100J5MALR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 1MB FLASH 112LQFP<br>In stock: 5655 pcs<br>RFQ  |
|  | <b>S912XEP100J4CVL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 1MB FLASH<br>In stock: 4934 pcs<br>RFQ  |  | <b>S912XEP100BVAL</b><br>Manufacturers: NXP<br>Description: 16 BIT 1M FLASH 64K RAM<br>In stock: 5200 pcs<br>RFQ           |
|  | <b>S912XEP100J5CAG</b><br>Manufacturers: NXP<br>Description: 16 BIT-1M FLASH-64K<br>In stock: 6875 pcs<br>RFQ             |  | <b>S912XEP100J5MAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 1MB FLASH 144LQFP<br>In stock: 4866 pcs<br>RFQ   |
|  | <b>S912XEP100J5MAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 1MB FLASH 112LQFP<br>In stock: 5774 pcs<br>RFQ  |  | <b>S912XEP100BVALR</b><br>Manufacturers: NXP<br>Description: 16 BIT 1M FLASH 64K RAM<br>In stock: 5676 pcs<br>RFQ          |
|  | <b>S912XEP100BMALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 1MB FLASH<br>In stock: 6209 pcs<br>RFQ  |  | <b>S912XEP100BVAGR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 1MB FLASH<br>In stock: 7096 pcs<br>RFQ   |
|  | <b>S912XEP100J5MAGR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 1MB FLASH 144LQFP<br>In stock: 6458 pcs<br>RFQ |  | <b>S912XEP100J5CVL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 1MB FLASH 208MAPBGA<br>In stock: 6247 pcs<br>RFQ |

