

NXP Semiconductors / Freescale

S912ZVLA12F0MLCR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S912ZVLA12F0MLCR                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 32LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 30717 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

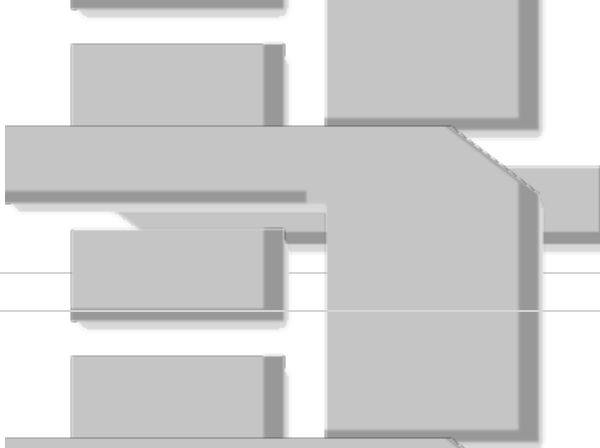
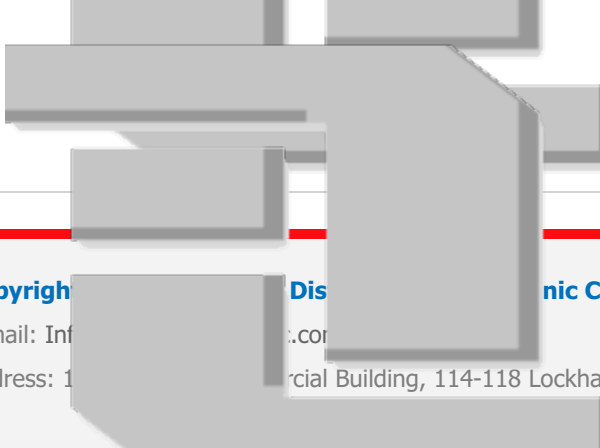
Specifications of S912ZVLA12F0MLCR

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVLA12F0MLCR                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 32LQFP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| QUANTITY AVAILABLE               | 30717 pcs                                                                            |
| DATA SHEET                       |                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)       | 5.5 V ~ 18 V                                                                         |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                        |
| SPEED                            | 32MHz                                                                                |
| SERIES                           | S12 MagniV                                                                           |
| RAM SIZE                         | 1K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                     |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                     |
| PACKAGE / CASE                   | 32-LQFP                                                                              |
| OTHER NAMES                      | 935316407528                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                   |
| NUMBER OF I/O                    | 19                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| EEPROM SIZE                      | 512 x 8                                                                              |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 128KB (128K x 8) FLASH 32-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 6x10b, A/D 1x8b                                                                  |
| CORE SIZE                        | 16-Bit                                                                               |
| CORE PROCESSOR                   | S12Z                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SCI, SPI, UART/USART                                      |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| S912ZVLA12F0MLCR               | S912ZVLA12F0MLCR Distributor        | S912ZVLA12F0MLCR Supplier  |
| S912ZVLA12F0MLCR Price         | S912ZVLA12F0MLCR Pictures           | S912ZVLA12F0MLCR Image     |
| S912ZVLA12F0MLCR PDF Datasheet | S912ZVLA12F0MLCR Download Datasheet | S912ZVLA12F0MLCR Datasheet |
| S912ZVLA12F0MLCR Stock         | Buy S912ZVLA12F0MLCR                | Buy S912ZVLA12F0MLCR       |
| S912ZVLA12F0MLCR               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                            |                                                                                      |                                                                                                                             |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912ZVLA12F0CLCR</b><br>Manufacturers: NXP<br>Description: S12Z CPU 128K FLASH<br>In stock: 33344 pcs<br>RFQ            |  | <b>S912ZVLA12F0CLC</b><br>Manufacturers: NXP<br>Description: S12Z CPU 128K FLASH<br>In stock: 29462 pcs<br>RFQ              |
|  | <b>S912ZVLA12F0MLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 15730 pcs<br>RFQ |  | <b>S912ZVLA12F0MLC</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 32LQFP<br>In stock: 24753 pcs<br>RFQ  |
|  | <b>S912ZVLA12F0VLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 26692 pcs<br>RFQ  |  | <b>S912ZVLA12F0MLFR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 31673 pcs<br>RFQ |
|  | <b>S912ZVLA12F0WLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 22244 pcs<br>RFQ  |  | <b>S912ZVLA64F0MLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 48LQFP<br>In stock: 27741 pcs<br>RFQ   |
|  | <b>S912ZVL96F0MLFR</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 96<br>In stock: 30035 pcs<br>RFQ  |  | <b>S912ZVLA12F0WLFRR</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 12<br>In stock: 24439 pcs<br>RFQ |
|  | <b>S912ZVL96F0MLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 96<br>In stock: 29146 pcs<br>RFQ   |  | <b>S912ZVL96F0VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br>In stock: 35150 pcs<br>RFQ    |