

NXP Semiconductors / Freescale

S912ZVCA96F0MLFR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912ZVCA96F0MLFR               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | MAGNIV 16-BIT MCU S12Z CORE 96 |
| Datasheets:         |                                |
| Stock Condition     | 29633 pcs stock                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

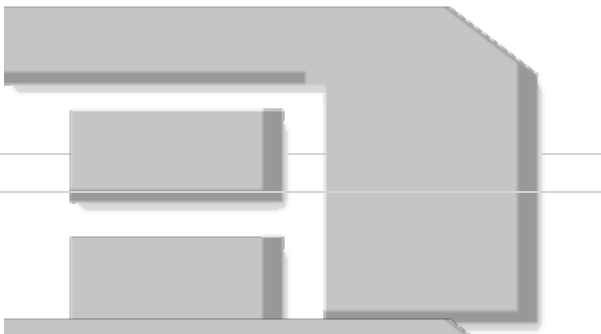
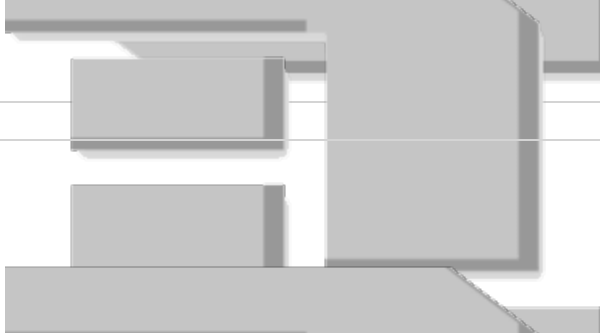
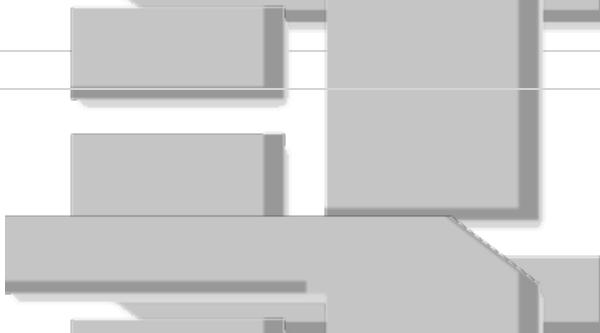
Specifications of S912ZVCA96F0MLFR

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVCA96F0MLFR                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | MAGNIV 16-BIT MCU S12Z CORE 96                                                     |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                    |
| QUANTITY AVAILABLE               | 29633 pcs                                                                          |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 40 V                                                                       |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                      |
| SPEED                            | 32MHz                                                                              |
| SERIES                           | S12 MagniV                                                                         |
| RAM SIZE                         | 8K x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                     |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                   |
| PACKAGE / CASE                   | 48-LQFP                                                                            |
| OTHER NAMES                      | 935316267528                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                 |
| NUMBER OF I/O                    | 28                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| EEPROM SIZE                      | 2K x 8                                                                             |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 96KB (96K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 10x12b, D/A 1x8b                                                               |
| CORE SIZE                        | 16-Bit                                                                             |
| CORE PROCESSOR                   | S12Z                                                                               |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI                                                              |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| S912ZVCA96F0MLFR               | S912ZVCA96F0MLFR Distributor        | S912ZVCA96F0MLFR Supplier  |
| S912ZVCA96F0MLFR Price         | S912ZVCA96F0MLFR Pictures           | S912ZVCA96F0MLFR Image     |
| S912ZVCA96F0MLFR PDF Datasheet | S912ZVCA96F0MLFR Download Datasheet | S912ZVCA96F0MLFR Datasheet |
| S912ZVCA96F0MLFR Stock         | Buy S912ZVCA96F0MLFR                | Buy S912ZVCA96F0MLFR       |
| S912ZVCA96F0MLFR               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                             |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912ZVCA19F0WKH</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 19<br>In stock: 19033 pcs<br>RFQ   |  | <b>S912ZVCA64F0MLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br>In stock: 30759 pcs<br>RFQ  |
|  | <b>S912ZVFP64F1VLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br>In stock: 17990 pcs<br>RFQ  |  | <b>S912ZVCA96F0VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br>In stock: 24318 pcs<br>RFQ  |
|  | <b>S912ZVH128F2CLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br>In stock: 15418 pcs<br>RFQ |  | <b>S912ZVFP64F1CLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br>In stock: 18703 pcs<br>RFQ |
|  | <b>S912ZVCA64F0CLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br>In stock: 30224 pcs<br>RFQ   |  | <b>S912ZVCA96F0MLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 96<br>In stock: 27415 pcs<br>RFQ  |
|  | <b>S912ZVCA64F0WKH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 19852 pcs<br>RFQ   |  | <b>S912ZVCA64F0CLFR</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 64<br>In stock: 28254 pcs<br>RFQ |
|  | <b>S912ZVFP64F1CLQ</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br>In stock: 13387 pcs<br>RFQ  |  | <b>S912ZVFP64F1VLQ</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br>In stock: 14639 pcs<br>RFQ |