

NXP Semiconductors / Freescale

S9S12ZVL16F0CLCR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12ZVL16F0CLCR                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 32KB FLASH 32LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 48012 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of S9S12ZVL16F0CLCR

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12ZVL16F0CLCR                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 32LQFP                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 48012 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              | 32KB (32K x 8)                                                                     |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                   |
| PACKAGE / CASE                   | 32-LQFP                                                                            |
| OTHER NAMES                      | 935323662528                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°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                      | 128 x 8                                                                            |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 32KB (32K x 8) FLASH 32-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 6x10b                                                                          |
| CORE SIZE                        | 16-Bit                                                                             |
| CORE PROCESSOR                   | S12Z                                                                               |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                               |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| S9S12ZVL16F0CLCR               | S9S12ZVL16F0CLCR Distributor        | S9S12ZVL16F0CLCR Supplier  |
| S9S12ZVL16F0CLCR Price         | S9S12ZVL16F0CLCR Pictures           | S9S12ZVL16F0CLCR Image     |
| S9S12ZVL16F0CLCR PDF Datasheet | S9S12ZVL16F0CLCR Download Datasheet | S9S12ZVL16F0CLCR Datasheet |
| S9S12ZVL16F0CLCR Stock         | Buy S9S12ZVL16F0CLCR                | Buy S9S12ZVL16F0CLCR       |
| S9S12ZVL16F0CLCR               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                                   |                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S9S12XS64J1MAE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 15642 pcs<br><b>RFQ</b>   |  | <b>S9S12ZVL16F0MLC</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br>In stock: 48740 pcs<br><b>RFQ</b> |
|  | <b>S9S12ZVL16F0CLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br>In stock: 45414 pcs<br><b>RFQ</b>  |  | <b>S9S12ZVL16F0VLF</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br>In stock: 47513 pcs<br><b>RFQ</b> |
|  | <b>S9S12XS64J1VAE</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 64KB FLAS<br>In stock: 16351 pcs<br><b>RFQ</b>   |  | <b>S9S12ZVL16F0CLC</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 32LQFP<br>In stock: 53408 pcs<br><b>RFQ</b> |
|  | <b>S9S12XS256J0VALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 12598 pcs<br><b>RFQ</b> |  | <b>S9S12XS64J1MAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 64KB FLAS<br>In stock: 10923 pcs<br><b>RFQ</b>  |
|  | <b>S9S12ZVL32F0CLC</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br>In stock: 52659 pcs<br><b>RFQ</b>  |  | <b>S9S12XS64J1CAE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 64LQFP<br>In stock: 14998 pcs<br><b>RFQ</b>  |
|  | <b>S9S12ZVL16F0MLCR</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br>In stock: 48947 pcs<br><b>RFQ</b> |  | <b>S9S12ZVL16F0VLC</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 16<br>In stock: 45574 pcs<br><b>RFQ</b> |