

NXP Semiconductors / Freescale

SPC5643LFF2MLQ1R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5643LFF2MLQ1R                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 1MB FLASH 144LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4977 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

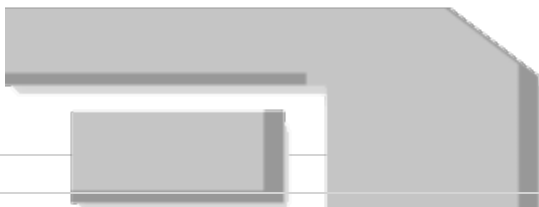
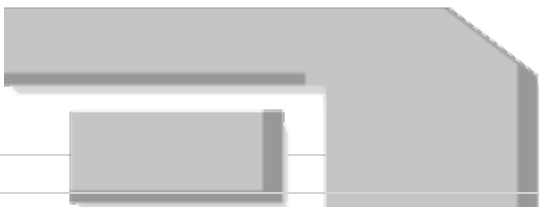
Specifications of SPC5643LFF2MLQ1R

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5643LFF2MLQ1R                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 144LQFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 4977 pcs                                                                                              |
| DATA SHEET                       |                                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                      |
| SPEED                            | 120MHz                                                                                                |
| SERIES                           | MPC56xx Qorivva                                                                                       |
| RAM SIZE                         | 128K x 8                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                 |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                          |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 144-LQFP                                                                                              |
| OTHER NAMES                      | 935311029528                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| EEPROM SIZE                      | -                                                                                                     |
| DETAILED DESCRIPTION             | e200z4 MPC56xx Qorivva Microcontroller IC 32-Bit Dual-Core 120MHz 1MB (1M x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 32x12b                                                                                            |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                      |
| CORE PROCESSOR                   | e200z4                                                                                                |
| CONNECTIVITY                     | CANbus, FlexRay, LINbus, SPI, UART/USART                                                              |
| BASE PART NUMBER                 | SPC5643                                                                                               |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| SPC5643LFF2MLQ1R               | SPC5643LFF2MLQ1R Distributor        | SPC5643LFF2MLQ1R Supplier  |
| SPC5643LFF2MLQ1R Price         | SPC5643LFF2MLQ1R Pictures           | SPC5643LFF2MLQ1R Image     |
| SPC5643LFF2MLQ1R PDF Datasheet | SPC5643LFF2MLQ1R Download Datasheet | SPC5643LFF2MLQ1R Datasheet |
| SPC5643LFF2MLQ1R Stock         | Buy SPC5643LFF2MLQ1R                | Buy SPC5643LFF2MLQ1R       |
| SPC5643LFF2MLQ1R               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                            |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>SPC5643LFF2MLL6</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: 5304 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5643LFF0MLQ1R</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 3561 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5643LFK0MLQ1</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: 5175 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5643LFF2MLQ1</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 4022 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5643LFK0MLL6</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: 5396 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5643LFAMMM1R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: 4285 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5643LFF0MLQ1</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 6973 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5643LFK0MMM1</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: 4376 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5643LFF2MMM1</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 257MAPBGA<br/>In stock: 3976 pcs</p> <p>RFQ</p> |  | <p><b>SPC5643LFK0MLQ1R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: 4554 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5643LFF0MLQ8</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 6396 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5643LFK0MLL6R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: 5959 pcs</p> <p>RFQ</p> |

