



Image may be representation. See specifications for product details.

SPC5643LFK0MLQ1

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5643LFK0MLQ1                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | NXP 32-BIT MCU DUAL POWER ARCH |
| Datasheets:         |                                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

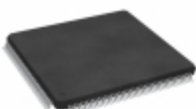
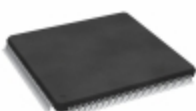
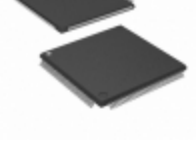
Specifications of SPC5643LFK0MLQ1

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5643LFK0MLQ1                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                        |
| DESCRIPTION                      | NXP 32-BIT MCU DUAL POWER ARCH                                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                       |
| 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                        | Tray                                                                                                  |
| PACKAGE / CASE                   | 144-LQFP                                                                                              |
| OTHER NAMES                      | 935311494557                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| 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                                                              |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale SPC5643LFK0MLQ1 | SPC5643LFK0MLQ1 Distributor             | SPC5643LFK0MLQ1 Supplier                           |
| SPC5643LFK0MLQ1 Price                          | SPC5643LFK0MLQ1 Pictures                | SPC5643LFK0MLQ1 Image                              |
| SPC5643LFK0MLQ1 PDF Datasheet                  | SPC5643LFK0MLQ1 Download Datasheet      | SPC5643LFK0MLQ1 Datasheet                          |
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| NXP Semiconductors / Freescale SPC5643LFK0MLQ1 | NXP Semiconductors SPC5643LFK0MLQ1      | Freescale SPC5643LFK0MLQ1                          |
| Freescale Semiconductor - NXP SPC5643LFK0MLQ1  | NXP USA Inc. SPC5643LFK0MLQ1            |                                                    |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC5643LFF2MMM1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 257MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>SPC5643LFF2MLL6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SPC5643LFF2MLQ1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SPC5643LFK0MLL6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SPC5643LFK0MLL6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SPC5643LFK0MMM1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>SPC5643LFK0MLQ1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SPC5643LK0MLL6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>SPC5643LK0MLQ1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>SPC5643LFF2MLQ1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 60 pcs<br/>RFQ</div>    |
|  <div><b>SPC5643LFK0MMM1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>SPC5643LK0MLQ1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/>RFQ</div>  |