

NXP Semiconductors / Freescale

SPC5603BK0MLQ6

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5603BK0MLQ6                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | NXP 32-BIT MCU POWER ARCH CORE |
| Datasheets:         |                                |
| Stock Condition     | 7680 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of SPC5603BK0MLQ6

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5603BK0MLQ6                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | NXP 32-BIT MCU POWER ARCH CORE                                                                  |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                 |
| QUANTITY AVAILABLE               | 7680 pcs                                                                                        |
| DATA SHEET                       |                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                |
| SPEED                            | 64MHz                                                                                           |
| SERIES                           | MPC56xx Qorivva                                                                                 |
| RAM SIZE                         | 28K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                           |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                            |
| PACKAGE / CASE                   | 144-LQFP                                                                                        |
| OTHER NAMES                      | 935324944557                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                              |
| NUMBER OF I/O                    | 123                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                   |
| EEPROM SIZE                      | 64K x 8                                                                                         |
| DETAILED DESCRIPTION             | e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 64MHz 384KB (384K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 36x10b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | e200z0h                                                                                         |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                   |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| SPC5603BK0MLQ6               | SPC5603BK0MLQ6 Distributor        | SPC5603BK0MLQ6 Supplier  |
| SPC5603BK0MLQ6 Price         | SPC5603BK0MLQ6 Pictures           | SPC5603BK0MLQ6 Image     |
| SPC5603BK0MLQ6 PDF Datasheet | SPC5603BK0MLQ6 Download Datasheet | SPC5603BK0MLQ6 Datasheet |
| SPC5603BK0MLQ6 Stock         | Buy SPC5603BK0MLQ6                | Buy SPC5603BK0MLQ6       |
| SPC5603BK0MLQ6               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                            |                                                                                      |                                                                                                                                            |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>SPC5603BK0VLL4R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 13090 pcs</p> <p>RFQ</p> |  | <p><b>SPC5603BK0MLH6R</b></p> <p>Manufacturers: NXP<br/>Description: 348K FLASH 32K RAM 64MHZ<br/>In stock: 12418 pcs</p> <p>RFQ</p>       |
|  | <p><b>SPC5603BK0VLQ4R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 8737 pcs</p> <p>RFQ</p>  |  | <p><b>SPC5603BK0MLL4</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 7658 pcs</p> <p>RFQ</p>   |
|  | <p><b>SPC5603BK0MLH6</b></p> <p>Manufacturers: NXP<br/>Description: 348K FLASH 32K RAM 64MHZ<br/>In stock: 9320 pcs</p> <p>RFQ</p>         |  | <p><b>SPC5603BK0VLL4</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 11339 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5603BK0CLQ6R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 10760 pcs</p> <p>RFQ</p> |  | <p><b>SPC5603BK0VLH4R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 12077 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5603BK0VLQ4</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 8558 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5603BK0MLL6</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 9022 pcs</p> <p>RFQ</p>   |
|  | <p><b>SPC5603BK0MLL4R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 12418 pcs</p> <p>RFQ</p> |  | <p><b>SPC5603BK0VLH4</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 10644 pcs</p> <p>RFQ</p>  |