

NXP Semiconductors / Freescale

SPC5604BF2MLQ6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5604BF2MLQ6                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8221 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

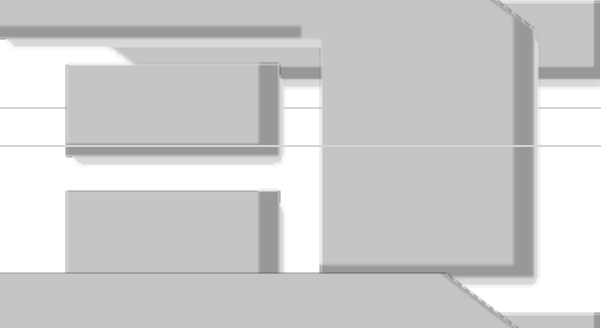
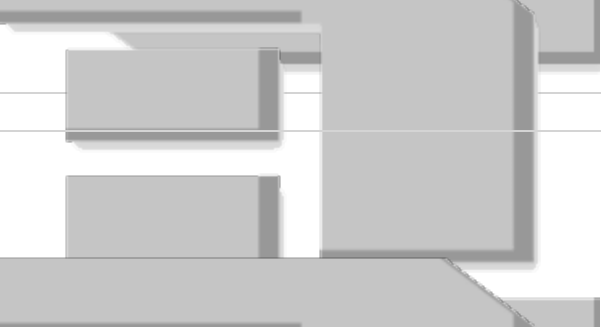
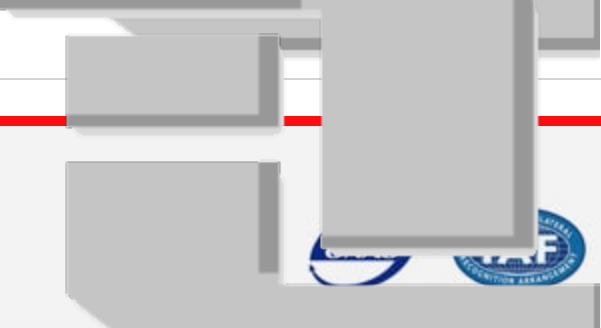
Specifications of SPC5604BF2MLQ6

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5604BF2MLQ6                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 144LQFP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 8221 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                         | 32K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                           |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                            |
| PACKAGE / CASE                   | 144-LQFP                                                                                        |
| OTHER NAMES                      | 935311923557                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                              |
| NUMBER OF I/O                    | 123                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| EEPROM SIZE                      | 64K x 8                                                                                         |
| DETAILED DESCRIPTION             | e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 64MHz 512KB (512K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 36x10b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | e200z0h                                                                                         |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                   |
| BASE PART NUMBER                 | SPC5604                                                                                         |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| SPC5604BF2MLQ6               | SPC5604BF2MLQ6 Distributor        | SPC5604BF2MLQ6 Supplier  |
| SPC5604BF2MLQ6 Price         | SPC5604BF2MLQ6 Pictures           | SPC5604BF2MLQ6 Image     |
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| SPC5604BF2MLQ6               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                  |                                                                                      |                                                                                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>SPC5604BF2MLL6</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 100LQFP</p> <p>In stock: 5712 pcs</p> <p>RFQ</p> |  | <p><b>SPC5604BF2VLH6R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 10567 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5604BF2MLL4R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 9929 pcs</p> <p>RFQ</p>  |  | <p><b>SPC5604BF2MLL4</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 10624 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5604BF2VLL6</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 8469 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5604BF2MLH6R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 10751 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5604BF2VLH6</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 10808 pcs</p> <p>RFQ</p>  |  | <p><b>SPC5604BF2VLL4R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 11928 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5604BF2MLH6</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 64LQFP</p> <p>In stock: 10899 pcs</p> <p>RFQ</p> |  | <p><b>SPC5604BF2VLL4</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 10071 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5604BF2MLL6R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 11215 pcs</p> <p>RFQ</p> |  | <p><b>SPC5604BF2VLH4</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH CORE</p> <p>In stock: 9735 pcs</p> <p>RFQ</p>   |