



Image may be representation. See specifications for product details.

SPC5607BK0VLQ6R

|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5607BK0VLQ6R                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                        |
| Product description | NXP 32-BIT MCU POWER ARCH CORE                                                                        |
| Datasheets:         |  SPC5607BK0VLQ6R.pdf |
| Ship From           | Hong Kong                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                 |

REQUEST FOR QUOTATION

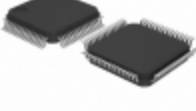
Specifications of SPC5607BK0VLQ6R

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5607BK0VLQ6R                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                          |
| DESCRIPTION                      | NXP 32-BIT MCU POWER ARCH CORE                                                                          |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                         |
| DATA SHEET                       |  SPC5607BK0VLQ6R.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                        |
| SPEED                            | 64MHz                                                                                                   |
| SERIES                           | MPC56xx Qorivva                                                                                         |
| RAM SIZE                         | 96K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 1.5MB (1.5M x 8)                                                                                        |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 144-LQFP                                                                                                |
| OTHER NAMES                      | 935315643528                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                      |
| NUMBER OF I/O                    | 121                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| EEPROM SIZE                      | 64K x 8                                                                                                 |
| DETAILED DESCRIPTION             | e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 64MHz 1.5MB (1.5M x 8) FLASH 144-LQFP (20x20)         |
| DATA CONVERTERS                  | A/D 15x10b, 5x12b                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | e200z0h                                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                           |

Related Tags

|                                                |                                         |                                                    |
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| NXP Semiconductors / Freescale SPC5607BK0VLQ6R | SPC5607BK0VLQ6R Distributor             | SPC5607BK0VLQ6R Supplier                           |
| SPC5607BK0VLQ6R Price                          | SPC5607BK0VLQ6R Pictures                | SPC5607BK0VLQ6R Image                              |
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| Freescale Semiconductor - NXP SPC5607BK0VLQ6R  | NXP USA Inc. SPC5607BK0VLQ6R            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC5607BK0VLL6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5607BK0VLU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>SPC5607BK0VLL6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC5607BK0MLU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SPC560B-DIS</b><br/>Manufacturers: STMicroelectronics<br/>Description: DISCOVERY KIT FOR SPC56 B LINE<br/>In stock: 3 pcs<br/><div>RFQ</div></div>                     |  <div><b>SPC5607BK0MLU6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SPC5607BK0VLU6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC560B40L3B3EDX</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
|  <div><b>SPC5607BK0MLQ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC560B40L1C6E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: AUTOMOTIVE DIGITAL<br/>In stock: Out stock<br/><div>RFQ</div></div>                          |
|  <div><b>SPC5607BK0VLQ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC560B40L3B3E0X</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>            |