



Image may be representation. See specifications for product details.

SPC5604SF2VLQ6R

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5604SF2VLQ6R                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | NXP 32-BIT MCU POWER ARCH CORE |
| Datasheets:         |                                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

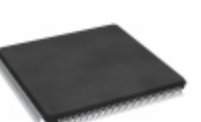
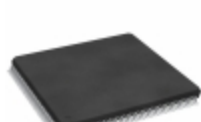
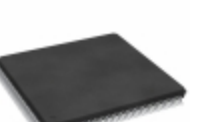
Specifications of SPC5604SF2VLQ6R

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5604SF2VLQ6R                                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | NXP 32-BIT MCU POWER ARCH CORE                                                                  |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                 |
| DATA SHEET                       |                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                |
| SPEED                            | 64MHz                                                                                           |
| SERIES                           | MPC56xx Qorivva                                                                                 |
| RAM SIZE                         | 48K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                           |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                |
| PERIPHERALS                      | DMA, LCD, POR, PWM, WDT                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                |
| PACKAGE / CASE                   | 144-LQFP                                                                                        |
| OTHER NAMES                      | 935317427528                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                              |
| NUMBER OF I/O                    | 105                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                   |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                        |
| 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 16x10b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | e200z0h                                                                                         |
| CONNECTIVITY                     | CANbus, I²C, LINbus, QSPI, SCI, SPI                                                             |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale SPC5604SF2VLQ6R | SPC5604SF2VLQ6R Distributor             | SPC5604SF2VLQ6R Supplier                           |
| SPC5604SF2VLQ6R Price                          | SPC5604SF2VLQ6R Pictures                | SPC5604SF2VLQ6R Image                              |
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| Freescale Semiconductor - NXP SPC5604SF2VLQ6R  | NXP USA Inc. SPC5604SF2VLQ6R            |                                                    |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SPC5605BF1CLL6</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></div> <div><b>SPC5604PGF1VLQ6R</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></div> <div><b>SPC5604PGF1VLQ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SPC5604PGF1VLL6R</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></div> <div><b>SPC5605BF1CLL6R</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></div> <div><b>SPC5605BF1MLL4R</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></div> <div><b>SPC5604SF2CLQ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32BIT 512K FLASH 48K RAM<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>SPC5605BF1MLL6R</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></div> <div><b>SPC5604SF2CLQ6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32BIT 512K FLASH 48K RAM<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>SPC5604SF2VLQ6</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></div> <div><b>SPC5605BF1MLL6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 768KB FLASH 100LQFP<br/>In stock: 450 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>SPC5605BF1CLU4</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>   |