

NXP Semiconductors / Freescale

SPC5646BCF0VLU8

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5646BCF0VLU8                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | NXP 32-BIT MCU POWER ARCH CORE |
| Datasheets:         |                                |
| Stock Condition     | 3354 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of SPC5646BCF0VLU8

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5646BCF0VLU8                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                               |
| DESCRIPTION                      | NXP 32-BIT MCU POWER ARCH CORE                                                               |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                              |
| QUANTITY AVAILABLE               | 3354 pcs                                                                                     |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                             |
| SPEED                            | 120MHz                                                                                       |
| SERIES                           | MPC56xx Qorivva                                                                              |
| RAM SIZE                         | 192K x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                        |
| PROGRAM MEMORY SIZE              | 3MB (3M x 8)                                                                                 |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                           |
| PACKAGING                        | Tray                                                                                         |
| PACKAGE / CASE                   | 176-LQFP                                                                                     |
| OTHER NAMES                      | 935323367557                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                           |
| NUMBER OF I/O                    | 147                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                |
| EEPROM SIZE                      | 64K x 8                                                                                      |
| DETAILED DESCRIPTION             | e200z4d MPC56xx Qorivva Microcontroller IC 32-Bit 120MHz 3MB (3M x 8) FLASH 176-LQFP (24x24) |
| DATA CONVERTERS                  | A/D 27x10b, 5x12b                                                                            |
| CORE SIZE                        | 32-Bit                                                                                       |
| CORE PROCESSOR                   | e200z4d                                                                                      |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                                |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| SPC5646BCF0VLU8               | SPC5646BCF0VLU8 Distributor        | SPC5646BCF0VLU8 Supplier  |
| SPC5646BCF0VLU8 Price         | SPC5646BCF0VLU8 Pictures           | SPC5646BCF0VLU8 Image     |
| SPC5646BCF0VLU8 PDF Datasheet | SPC5646BCF0VLU8 Download Datasheet | SPC5646BCF0VLU8 Datasheet |
| SPC5646BCF0VLU8 Stock         | Buy SPC5646BCF0VLU8                | Buy SPC5646BCF0VLU8       |
| SPC5646BCF0VLU8               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                            |                                                                                      |                                                                                                                                            |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>SPC5646BCF0VLU1</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 2889 pcs</p> <p>RFQ</p>  |  | <p><b>SPC5646BCK0VLU1R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 3125 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5645SF1VVUR</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT 2MB FLASH 416BGA<br/>In stock: 2895 pcs</p> <p>RFQ</p>      |  | <p><b>SPC5646BCK0VLU1</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 2755 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5646BCF0VLU8R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 4390 pcs</p> <p>RFQ</p> |  | <p><b>SPC5646BCF0VLU1R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 3173 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5646BF0MMJ1</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH 3MB<br/>In stock: 3410 pcs</p> <p>RFQ</p>    |  | <p><b>SPC5646BF0MLU1</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 3MB FLASH 176LQFP<br/>In stock: 3229 pcs</p> <p>RFQ</p>   |
|  | <p><b>SPC5645SF1VVU</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 2MB FLASH 416BGA<br/>In stock: 2357 pcs</p> <p>RFQ</p>     |  | <p><b>SPC5646BAMLU1R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 3599 pcs</p> <p>RFQ</p>   |
|  | <p><b>SPC5646BAMLU1</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 3442 pcs</p> <p>RFQ</p>    |  | <p><b>SPC5646BF0MLU1R</b></p> <p>Manufacturers: NXP<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: 3206 pcs</p> <p>RFQ</p>  |