

NXP Semiconductors / Freescale

SPC5644BK0MLU1R

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5644BK0MLU1R                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | NXP 32-BIT MCU POWER ARCH 1.5M |
| Datasheets:         |                                |
| Stock Condition     | 3359 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

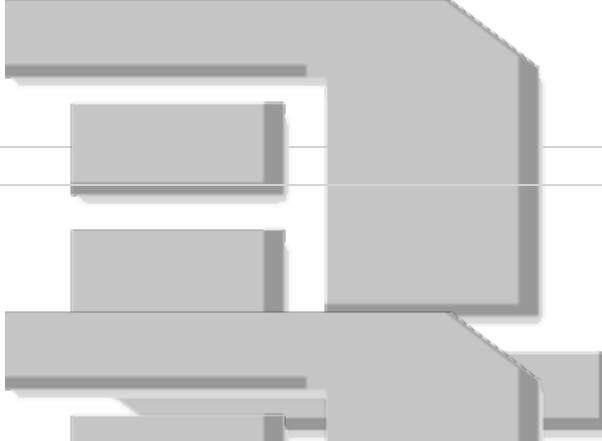
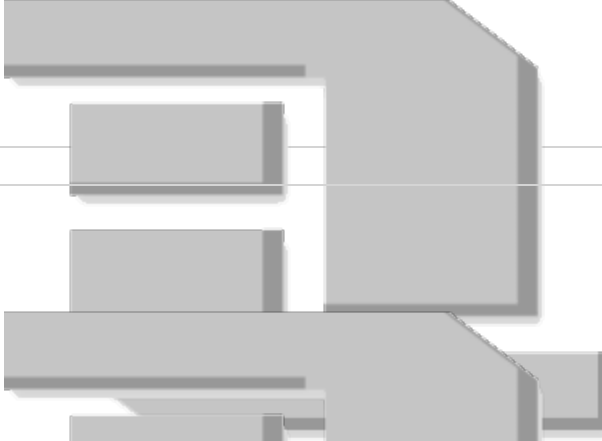
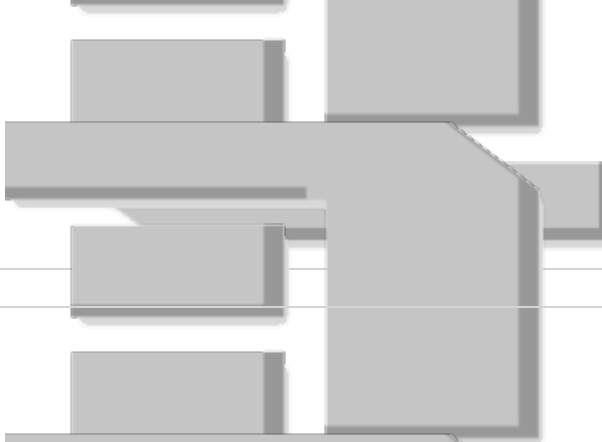
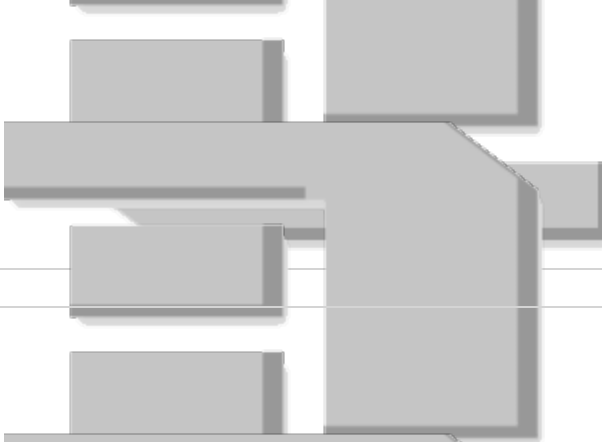
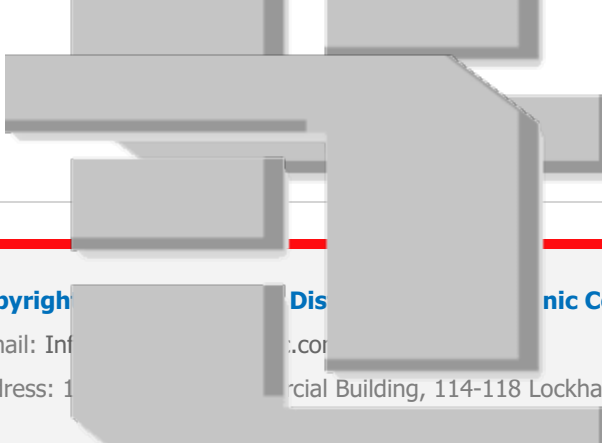
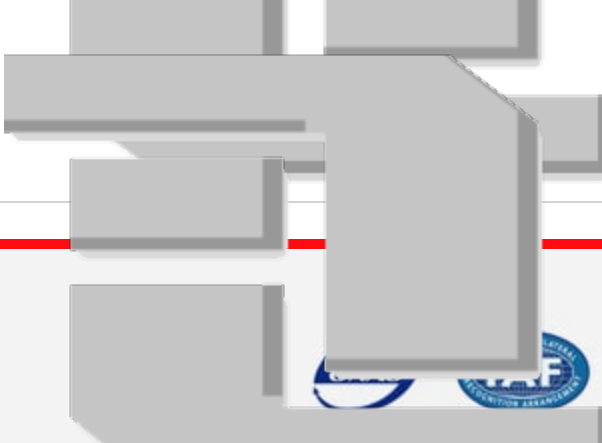
Specifications of SPC5644BK0MLU1R

|                                |                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                    | SPC5644BK0MLU1R                                                                                  |
| MANUFACTURER                   | NXP Semiconductors / Freescale                                                                   |
| DESCRIPTION                    | NXP 32-BIT MCU POWER ARCH 1.5M                                                                   |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                  |
| QUANTITY AVAILABLE             | 3359 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                       | 128K 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                 | 176-LQFP                                                                                         |
| OTHER NAMES                    | 935346741528                                                                                     |
| OSCILLATOR TYPE                | Internal                                                                                         |
| OPERATING TEMPERATURE          | -40°C ~ 125°C (TA)                                                                               |
| NUMBER OF I/O                  | 147                                                                                              |
| EEPROM SIZE                    | 64K x 8                                                                                          |
| DETAILED DESCRIPTION           | e200z4d MPC56xx Qorivva Microcontroller IC 32-Bit 120MHz 1.5MB (1.5M 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

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| SPC5644BK0MLU1R               | SPC5644BK0MLU1R Distributor        | SPC5644BK0MLU1R Supplier  |
| SPC5644BK0MLU1R Price         | SPC5644BK0MLU1R Pictures           | SPC5644BK0MLU1R Image     |
| SPC5644BK0MLU1R PDF Datasheet | SPC5644BK0MLU1R Download Datasheet | SPC5644BK0MLU1R Datasheet |
| SPC5644BK0MLU1R Stock         | Buy SPC5644BK0MLU1R                | Buy SPC5644BK0MLU1R       |
| SPC5644BK0MLU1R               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                  |                                                                                      |                                                                                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>SPC5644BF0MMJ1</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH 1.5M</p> <p>In stock: 3705 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5644BK0MLU8</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH 1.5M</p> <p>In stock: 3997 pcs</p> <p>RFQ</p>   |
|  | <p><b>SPC5644BF0VLU1R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH 1.5M</p> <p>In stock: 3893 pcs</p> <p>RFQ</p>  |  | <p><b>SPC5644BF0VLU1</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 1.5MB FLASH 176LQFP</p> <p>In stock: 3301 pcs</p> <p>RFQ</p> |
|  | <p><b>SPC5644BK0VLU1</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH 1.5M</p> <p>In stock: 3441 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5644CAVLU1</b></p> <p>Manufacturers: NXP</p> <p>Description: 1.5M FLASH128K RAM</p> <p>In stock: 3691 pcs</p> <p>RFQ</p>                |
|  | <p><b>SPC5644CAVLU8</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU DUAL POWER ARCH</p> <p>In stock: 3901 pcs</p> <p>RFQ</p>    |  | <p><b>SPC5644CAVLU1R</b></p> <p>Manufacturers: NXP</p> <p>Description: 1.5M FLASH128K RAM</p> <p>In stock: 3887 pcs</p> <p>RFQ</p>               |
|  | <p><b>SPC5644BF0VLT1</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 1.5MB FLASH 208LQFP</p> <p>In stock: 6079 pcs</p> <p>RFQ</p> |  | <p><b>SPC5644BK0MLU8R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH 1.5M</p> <p>In stock: 5066 pcs</p> <p>RFQ</p>  |
|  | <p><b>SPC5644BK0MLU1</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH 1.5M</p> <p>In stock: 3852 pcs</p> <p>RFQ</p>   |  | <p><b>SPC5644BF0MLU8R</b></p> <p>Manufacturers: NXP</p> <p>Description: NXP 32-BIT MCU POWER ARCH 1.5M</p> <p>In stock: 4684 pcs</p> <p>RFQ</p>  |