



Image may be representation. See specifications for product details.

SPC5644CAVLU1

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5644CAVLU1                  |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 1.5M FLASH128K RAM             |
| Datasheets:         |                                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

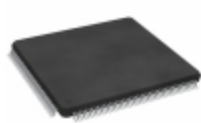
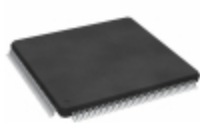
Specifications of SPC5644CAVLU1

|                                 |                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                     | SPC5644CAVLU1                                                                                                             |
| MANUFACTURER                    | NXP Semiconductors / Freescale                                                                                            |
| DESCRIPTION                     | 1.5M FLASH128K RAM                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS  |                                                                                                                           |
| DATA SHEET                      |                                                                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)      | 3 V ~ 5.5 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE         | 176-LQFP (24x24)                                                                                                          |
| SPEED                           | 80MHz/120MHz                                                                                                              |
| SERIES                          | MPC56xx Qorivva                                                                                                           |
| RAM SIZE                        | 192K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE             | FLASH                                                                                                                     |
| PROGRAM MEMORY SIZE             | 1.5MB (1.5M x 8)                                                                                                          |
| PERIPHERALS                     | DMA, POR, PWM, WDT                                                                                                        |
| PACKAGING                       | Tray                                                                                                                      |
| PACKAGE / CASE                  | 176-LQFP                                                                                                                  |
| OTHER NAMES                     | 935351559557                                                                                                              |
| OSCILLATOR TYPE                 | Internal                                                                                                                  |
| OPERATING TEMPERATURE           | -40°C ~ 105°C (TA)                                                                                                        |
| NUMBER OF I/O                   | 147                                                                                                                       |
| MANUFACTURER STANDARD LEAD TIME | 12 Weeks                                                                                                                  |
| EEPROM SIZE                     | 64K x 8                                                                                                                   |
| DETAILED DESCRIPTION            | e200z4d, e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit Dual-Core 80MHz/120MHz 1.5MB (1.5M x 8) FLASH 176-LQFP (24x24) |
| DATA CONVERTERS                 | A/D 27x10b, 5x12b                                                                                                         |
| CORE SIZE                       | 32-Bit Dual-Core                                                                                                          |
| CORE PROCESSOR                  | e200z4d, e200z0h                                                                                                          |
| CONNECTIVITY                    | CANbus, Ethernet, I²C, LINbus, SCI, SPI                                                                                   |

Related Tags

|                                              |                                         |                                                  |
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| Freescale Semiconductor - NXP SPC5644CAVLU1  | NXP USA Inc. SPC5644CAVLU1              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SPC5644CAVLU1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 1.5M FLASH128K RAM<br/>In stock: Out stock<br/><div>RFQ</div></div>              |  <div><b>SPC5644CF0CLU8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>SPC5644BF0VLU1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 1.5M<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC5644CF0CLU8R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SPC5644BK0MLU1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 1.5M<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5644BK0MLU8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 1.5M<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>SPC5644BK0MLU1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 1.5M<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC5644CAVLU8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>SPC5644BK0MLU8R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH 1.5M<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC5644CCF0MMJ1R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU DUAL POWER ARCH<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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