



NXP Semiconductors / Freescale

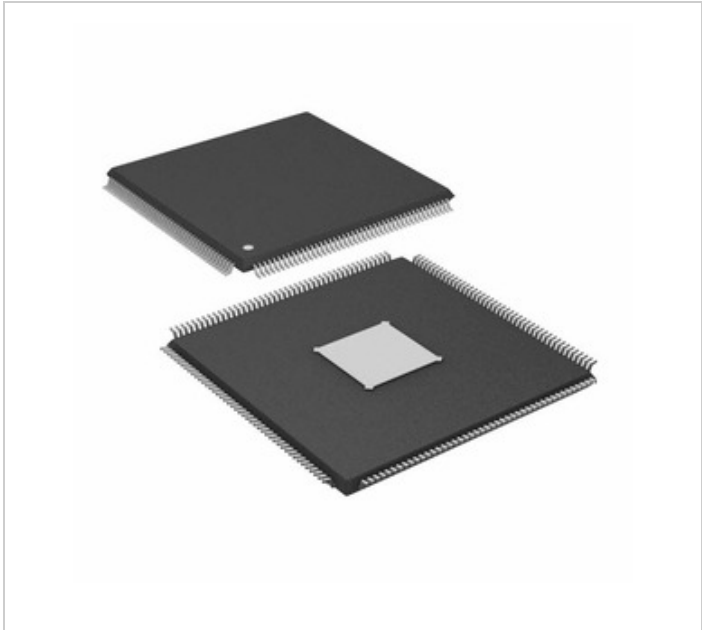


Image may be representation. See specifications for product details.

SPC5746CSK1MKU6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5746CSK1MKU6                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 3MB FLASH 176LQFP                                                                               |
| Datasheets:         |  1.SPC5746CSK1MKU6.pdf      |
|                     |  2.SPC5746CSK1MKU6.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

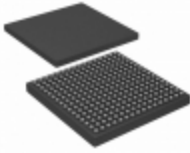
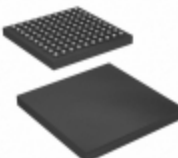
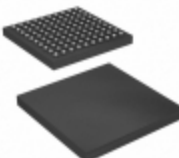
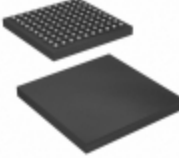
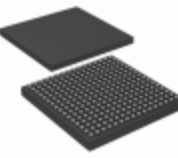
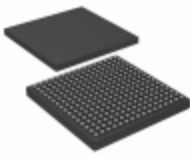
Specifications of SPC5746CSK1MKU6

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5746CSK1MKU6                                                                                                                                                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 3MB FLASH 176LQFP                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.SPC5746CSK1MKU6.pdf<br> 2.SPC5746CSK1MKU6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                                                                                                                                       |
| SPEED                            | 80MHz/160MHz                                                                                                                                                                                                           |
| SERIES                           | MPC57xx                                                                                                                                                                                                                |
| RAM SIZE                         | 512K x 8                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 3MB (3M x 8)                                                                                                                                                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, WDT                                                                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 176-LQFP Exposed Pad                                                                                                                                                                                                   |
| OTHER NAMES                      | 935322183557                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 129                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | e200z2, e200z4 MPC57xx Microcontroller IC 32-Bit Dual-Core 80MHz/160MHz 3MB (3M x 8) FLASH 176-LQFP (24x24)                                                                                                            |
| DATA CONVERTERS                  | A/D 80x10b, 64x12b                                                                                                                                                                                                     |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                                                                                                                                       |
| CORE PROCESSOR                   | e200z2, e200z4                                                                                                                                                                                                         |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, LINbus, SAI, SPI, USB, USB OTG                                                                                                                                                                  |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale SPC5746CSK1MKU6 | SPC5746CSK1MKU6 Distributor             | SPC5746CSK1MKU6 Supplier                           |
| SPC5746CSK1MKU6 Price                          | SPC5746CSK1MKU6 Pictures                | SPC5746CSK1MKU6 Image                              |
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| NXP Semiconductors / Freescale SPC5746CSK1MKU6 | NXP Semiconductors SPC5746CSK1MKU6      | Freescale SPC5746CSK1MKU6                          |
| Freescale Semiconductor - NXP SPC5746CSK1MKU6  | NXP USA Inc. SPC5746CSK1MKU6            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SPC5746CSK1AVMJ2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DUAL CORE, 3M FLASH, 384<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>SPC5746CSK1MKU6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32 BITDUAL CORE3M FLASH384 RA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>SPC5746CSK1AMMJ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32 BITDUAL CORE3M FLASH384 RA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SPC5746CSK1MMJ6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 3MB FLASH 256MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SPC5746CSK1MMH6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 3MB FLASH 100MAPBGA<br/>In stock: 346 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SPC5746CSK1MMH6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 3MB FLASH 100MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>SPC5746CSK1AVKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32 BIT3M FLASH384 RAM<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>SPC5746CSK1AMMH6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32 BIT DUAL CORE 3M FLASH 384<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>SPC5746CSK1MMJ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 3MB FLASH 256MAPBGA<br/>In stock: 300 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SPC5746CK1MMJ6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 3MB FLASH 256MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SPC5746CSK1AMKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32 BITDUAL CORE3M FLASH384 RA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>SPC5746GK1MKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU TRIPLE CORE 3MB<br/>In stock: Out stock<br/><div>RFQ</div></div>     |