

NXP Semiconductors / Freescale

SPC5742PFK1AKLQ5

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5742PFK1AKLQ5               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 1.5MB NVM 2 X E200Z4 CORES 150 |
| Datasheets:         |                                |
| Stock Condition     | 6495 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of SPC5742PFK1AKLQ5

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5742PFK1AKLQ5                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                    |
| DESCRIPTION                      | 1.5MB NVM 2 X E200Z4 CORES 150                                                                    |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                   |
| QUANTITY AVAILABLE               | 6495 pcs                                                                                          |
| DATA SHEET                       |                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.15 V ~ 5.5 V                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                  |
| SPEED                            | 150MHz                                                                                            |
| SERIES                           | MPC57xx                                                                                           |
| RAM SIZE                         | 192K x 8                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                             |
| PROGRAM MEMORY SIZE              | 1.5MB (1.5M x 8)                                                                                  |
| PERIPHERALS                      | DMA, LVD, POR, WDT                                                                                |
| PACKAGING                        | Tray                                                                                              |
| PACKAGE / CASE                   | 144-LQFP                                                                                          |
| OTHER NAMES                      | 935313058557                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 135°C (TA)                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| EEPROM SIZE                      | -                                                                                                 |
| DETAILED DESCRIPTION             | e200z4 MPC57xx Microcontroller IC 32-Bit Dual-Core 150MHz 1.5MB (1.5M x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 64x12b                                                                                        |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                  |
| CORE PROCESSOR                   | e200z4                                                                                            |
| CONNECTIVITY                     | CANbus, Ethernet, FlexRay, LINbus, SPI, UART/USART                                                |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| SPC5742PFK1AKLQ5               | SPC5742PFK1AKLQ5 Distributor        | SPC5742PFK1AKLQ5 Supplier  |
| SPC5742PFK1AKLQ5 Price         | SPC5742PFK1AKLQ5 Pictures           | SPC5742PFK1AKLQ5 Image     |
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| SPC5742PFK1AKLQ5               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                  |                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>SPC5742PK1AMLQ8R</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: 1.5MB NVM 2 X E200Z4 CORES 180</p> <p>In stock: 8527 pcs</p> |                                                                                                                                                 | <p><b>SPC5741PK1AKLQ8R</b></p> <p>Manufacturers: NXP</p> <p>Description: 1MB NVM 2 X E200Z4 CORES 180MH</p> <p>In stock: 6280 pcs</p> <p>RFQ</p>                                                                                                                                                                 |
| <p><b>SPC5741PK1AMLQ8R</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: 1MB NVM 2 X E200Z4 CORES 180MH</p> <p>In stock: 6884 pcs</p> |                                                                                                                                                 | <p><b>SPC5741PK1AMLQ8</b></p> <p>Manufacturers: NXP</p> <p>Description: 1MB NVM 2 X E200Z4 CORES 180MH</p> <p>In stock: 7301 pcs</p> <p>RFQ</p>                                                                                                                                                                  |
| <p><b>SPC5742PFK1AMLQ9</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: 1.5MB NVM 2 X E200Z4 CORES 200</p> <p>In stock: 5119 pcs</p> |                                                                                                                                                 | <p><b>SPC5742PFK1AMLQ8</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: 1.5MB NVM 2 X E200Z4 CORES 180</p> <p>In stock: 6492 pcs</p> <p><b>SPC5742PK1AMLQ5</b></p> <p>Manufacturers: NXP</p> <p>Description: 1.5MB NVM 2 X E200Z4 CORES 150</p> <p>In stock: 6571 pcs</p> <p>RFQ</p> |
| <p><b>SPC5741PK1AMLQ9R</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: 1MB, 128K RAM, 144PIN</p> <p>In stock: 8189 pcs</p>          | <p><b>SPC5742PK1AMLQ8</b></p> <p>Manufacturers: NXP</p> <p>Description: 1.5MB NVM 2 X E200Z4 CORES 180</p> <p>In stock: 6377 pcs</p> <p>RFQ</p> | <p><b>SPC5741PK1AMLQ5</b></p> <p>Manufacturers: NXP</p> <p>Description: 1MB NVM 2 X E200Z4 CORES 150MH</p> <p>In stock: 8473 pcs</p> <p>RFQ</p>                                                                                                                                                                  |
|                                                                                                                                                                  | <p><b>SPC5741PK1AMLQ9</b></p> <p>Manufacturers: NXP</p> <p>Description: 1MB, 128K RAM, 144PIN</p> <p>In stock: 7418 pcs</p> <p>RFQ</p>          | <p><b>SPC5742PK1AMLQ9</b></p> <p>Manufacturers: NXP</p> <p>Description: 1.5MB NVM 2 X E200Z4 CORES 200</p> <p>In stock: 7607 pcs</p> <p>RFQ</p>                                                                                                                                                                  |