



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

SPC5744PFK1AMMM8

|                     |                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5744PFK1AMMM8                                                                                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                           |
| Product description | NXP 32-BIT MCU DUAL CORE POWER                                                                           |
|                     |  1.SPC5744PFK1AMMM8.pdf |
|                     |  2.SPC5744PFK1AMMM8.pdf |
| Datasheets:         |                                                                                                          |
| Ship From           | Hong Kong                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                    |

REQUEST FOR QUOTATION

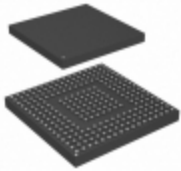
Specifications of SPC5744PFK1AMMM8

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5744PFK1AMMM8                                                                                                                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                           |
| DESCRIPTION                      | NXP 32-BIT MCU DUAL CORE POWER                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.SPC5744PFK1AMMM8.pdf<br> 2.SPC5744PFK1AMMM8.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.15 V ~ 5.5 V                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 257-MAPBGA (14x14)                                                                                                                                                                                                       |
| SPEED                            | 180MHz                                                                                                                                                                                                                   |
| SERIES                           | MPC57xx                                                                                                                                                                                                                  |
| RAM SIZE                         | 384K x 8                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 2.5MB (2.5M x 8)                                                                                                                                                                                                         |
| PERIPHERALS                      | DMA, LVD, POR, WDT                                                                                                                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 257-LFBGA                                                                                                                                                                                                                |
| OTHER NAMES                      | 935318773557                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| EEPROM SIZE                      | -                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | e200z4 MPC57xx Microcontroller IC 32-Bit Dual-Core 180MHz 2.5MB (2.5M x 8) FLASH 257-MAPBGA (14x14)                                                                                                                      |
| DATA CONVERTERS                  | A/D 64x12b                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit Dual-Core                                                                                                                                                                                                         |
| CORE PROCESSOR                   | e200z4                                                                                                                                                                                                                   |
| CONNECTIVITY                     | CANbus, Ethernet, FlexRay, LINbus, SPI, UART/USART                                                                                                                                                                       |

Related Tags

|                                                 |                                         |                                                     |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| NXP Semiconductors / Freescale SPC5744PFK1AMMM8 | SPC5744PFK1AMMM8 Distributor            | SPC5744PFK1AMMM8 Supplier                           |
| SPC5744PFK1AMMM8 Price                          | SPC5744PFK1AMMM8 Pictures               | SPC5744PFK1AMMM8 Image                              |
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| Freescale Semiconductor - NXP SPC5744PFK1AMMM8  | NXP USA Inc. SPC5744PFK1AMMM8           |                                                     |

Related Products

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| <div></div> <div><b>SPC5744PFK1MLQ5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2.5MB FLASH 144LQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>SPC5744CBK1AVKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DUAL CORE 1.5M FLASH<br/>In stock: Out stock</div> <div>RFQ</div>           |
| <div></div> <div><b>SPC5744PFK1AKLQ8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 32-BIT MCU DUAL CORE POWER ARCH<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>SPC5744BSK1AVKU2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: SINGLE CORE, 1.5M FLASH<br/>In stock: Out stock</div> <div>RFQ</div>        |
| <div></div> <div><b>SPC5744PFK1AMLQ8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2.5MB FLASH 144LQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>SPC5744PK1AMLQ8R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 2.5MB NVM 2 X E200Z4 CORES 180<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>SPC5744PK1AMLQ5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 2.5MB NVM 2 X E200Z4 CORES 150<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>SPC5744PK1AMLQ5R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 2.5MB NVM 2 X E200Z4 CORES 150<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>SPC5744PGK1AMMM9</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2.5MB FLASH 257PBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>SPC5744PK1AMLQ8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 2.5MB NVM 2 X E200Z4 CORES 180<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>SPC5744PEK1AMMM5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: C55G-PANTHER (CUT 2.2B)<br/>In stock: Out stock</div> <div>RFQ</div>          | <div></div> <div><b>SPC5744PFK1AMLQ9</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 2.5MB FLASH 144LQFP<br/>In stock: 308 pcs</div> <div>RFQ</div> |