

NXP Semiconductors / Freescale

SPC5748GHK0AMMN6

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | SPC5748GHK0AMMN6                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale   |
| Product description | ULTRA RELIABLE MCU WITH VAST PER |
| Datasheets:         |                                  |
| Stock Condition     | 2270 pcs stock                   |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Specifications of SPC5748GHK0AMMN6

|                                |                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | SPC5748GHK0AMMN6                                                                                                     |
| MANUFACTURER                   | NXP Semiconductors / Freescale                                                                                       |
| DESCRIPTION                    | ULTRA RELIABLE MCU WITH VAST PER                                                                                     |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                                      |
| QUANTITY AVAILABLE             | 2270 pcs                                                                                                             |
| DATA SHEET                     |                                                                                                                      |
| VOLTAGE - SUPPLY (VCC/VDD)     | 3 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE        | 324-MAPBGA (19x19)                                                                                                   |
| SPEED                          | 80MHz/160MHz                                                                                                         |
| SERIES                         | MPC57xx                                                                                                              |
| RAM SIZE                       | 768K x 8                                                                                                             |
| PROGRAM MEMORY TYPE            | FLASH                                                                                                                |
| PROGRAM MEMORY SIZE            | 6MB (6M x 8)                                                                                                         |
| PERIPHERALS                    | DMA, LVD, POR, WDT                                                                                                   |
| PACKAGING                      | Tray                                                                                                                 |
| PACKAGE / CASE                 | 324-LBGA                                                                                                             |
| OTHER NAMES                    | 935316465557                                                                                                         |
| OSCILLATOR TYPE                | Internal                                                                                                             |
| OPERATING TEMPERATURE          | -40°C ~ 125°C (TA)                                                                                                   |
| NUMBER OF I/O                  | 246                                                                                                                  |
| EEPROM SIZE                    | -                                                                                                                    |
| DETAILED DESCRIPTION           | e200z2, e200z4, e200z4 MPC57xx Microcontroller IC 32-Bit Tri-Core 80MHz/160MHz 6MB (6M x 8) FLASH 324-MAPBGA (19x19) |
| DATA CONVERTERS                | A/D 80x10b, 64x12b                                                                                                   |
| CORE SIZE                      | 32-Bit Tri-Core                                                                                                      |
| CORE PROCESSOR                 | e200z2, e200z4, e200z4                                                                                               |
| CONNECTIVITY                   | CANbus, Ethernet, I²C, LINbus, SAI, SPI, USB, USB OTG                                                                |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| SPC5748GHK0AMMN6               | SPC5748GHK0AMMN6 Distributor        | SPC5748GHK0AMMN6 Supplier  |
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| SPC5748GHK0AMMN6               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                    |                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>SPC5748GHK0AMMJ6</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: ULTRA RELIABLE MCU WITH VAST PER</p> <p>In stock: 2154 pcs</p> | <p><b>SPC5748GGK1VMJ6</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA</p> <p>In stock: 2614 pcs</p> <p>RFQ</p>                             |
| <p><b>SPC5748GK1MMJ6</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA</p> <p>In stock: 1976 pcs</p> <p>RFQ</p>                   | <p><b>SPC5748GK0AMMJ6</b></p> <p>Manufacturers: NXP</p> <p>Description: TRIPLE CORE 6M FLASH 768K RAM</p> <p>In stock: 3167 pcs</p> <p>RFQ</p>                                |
| <p><b>SPC5748GK0AMMJ6R</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: TRIPLE CORE 6M FLASH 768K RAM</p> <p>In stock: 3135 pcs</p>    | <p><b>SPC5748GK0AMKU6</b></p> <p>Manufacturers: NXP</p> <p>Description: TRIPLE CORE, 6M FLASH</p> <p>In stock: 3178 pcs</p> <p>RFQ</p>                                        |
| <p><b>SPC5748GGK0AVMJ6</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: 32 BIT6MB FLASH768 RAM</p> <p>In stock: 2852 pcs</p>           | <p><b>SPC5748GGK1MMJ6R</b></p> <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA</p> <p>In stock: 2766 pcs</p> <p>RFQ</p> |
| <p><b>SPC5748GGK1MMJ6</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA</p> <p>In stock: 2120 pcs</p> <p>RFQ</p>                  | <p><b>SPC5748GK1MKU6</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 6MB FLASH 176LQFP</p> <p>In stock: 2696 pcs</p> <p>RFQ</p>                                |