

NXP Semiconductors / Freescale

SPC5748GSK1MKU6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5748GSK1MKU6                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 6MB FLASH 176LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3031 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

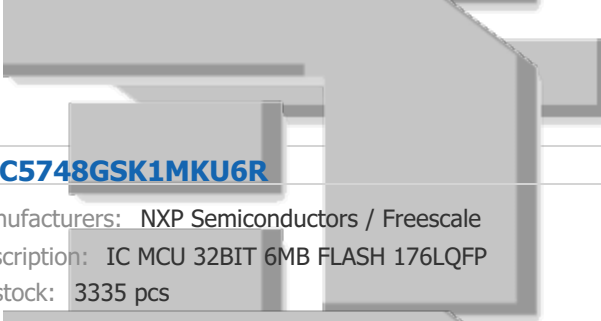
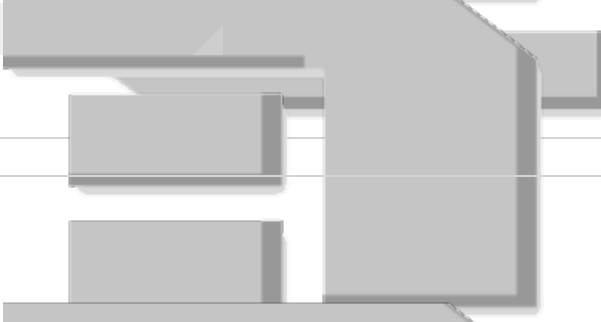
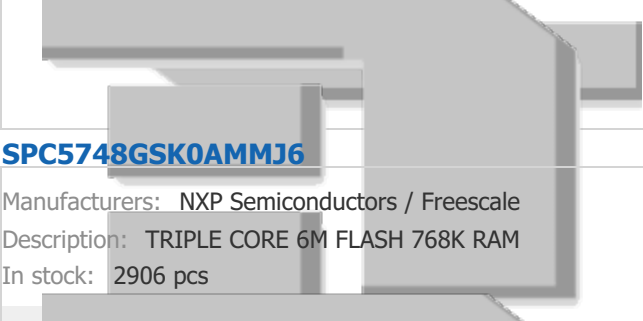
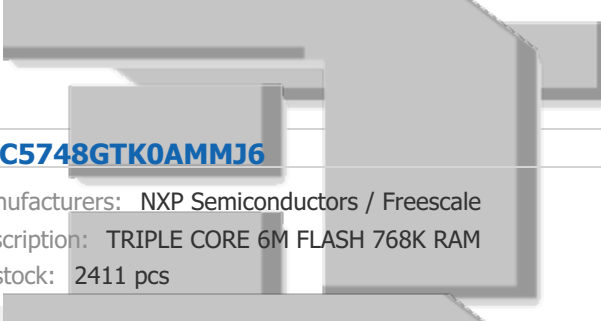
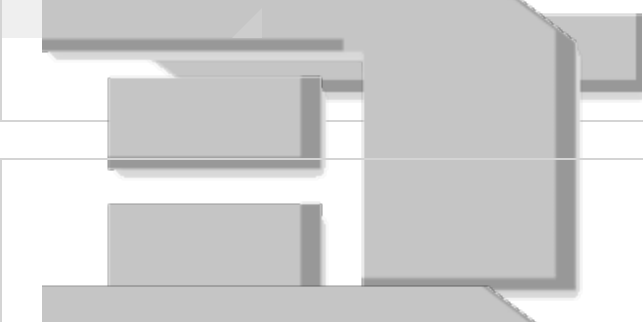
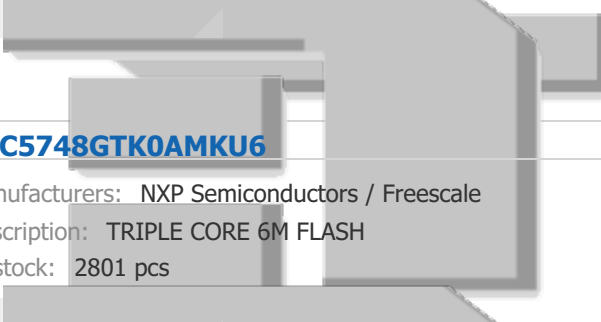
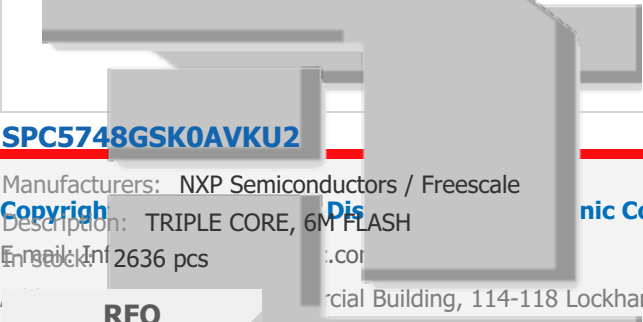
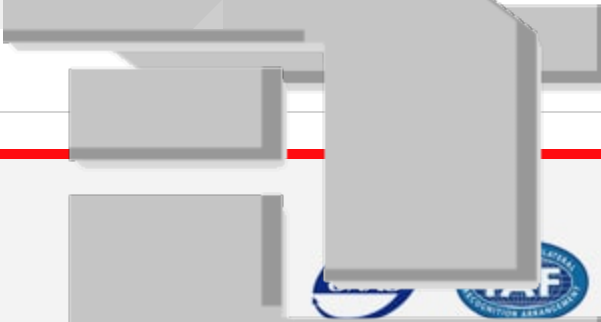
Specifications of SPC5748GSK1MKU6

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5748GSK1MKU6                                                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 6MB FLASH 176LQFP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 3031 pcs                                                                                                           |
| DATA SHEET                       |                                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                                   |
| 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                   | 176-LQFP Exposed Pad                                                                                               |
| OTHER NAMES                      | 935318831557                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                 |
| NUMBER OF I/O                    | 129                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| EEPROM SIZE                      | -                                                                                                                  |
| DETAILED DESCRIPTION             | e200z2, e200z4, e200z4 MPC57xx Microcontroller IC 32-Bit Tri-Core 80MHz/160MHz 6MB (6M x 8) FLASH 176-LQFP (24x24) |
| 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

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
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Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>SPC5748GSK1MMN6</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 6MB FLASH 324MAPBGA<br/>In stock: 2206 pcs</p> <p>RFQ</p>                          |  <p><b>SPC5748GTK1MMJ6</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA<br/>In stock: 2854 pcs</p> <p>RFQ</p>                           |
|  <p><b>SPC5748GSK1MMJ6R</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA<br/>In stock: 3420 pcs</p> <p>RFQ</p>                         |  <p><b>SPC5748GSK1MKU6R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 6MB FLASH 176LQFP<br/>In stock: 3335 pcs</p> <p>RFQ</p> |
|  <p><b>SPC5748GSK1MMJ6</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA<br/>In stock: 2928 pcs</p> <p>RFQ</p>                          |  <p><b>SPC5748GSK1MMJ6</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 6MB FLASH 256MAPBGA<br/>In stock: 1976 pcs</p> <p>RFQ</p>                           |
|  <p><b>SPC5748GSK0AMMJ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: TRIPLE CORE 6M FLASH 768K RAM<br/>In stock: 2906 pcs</p> <p>RFQ</p> |  <p><b>SPC5748GTK0AMMJ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: TRIPLE CORE 6M FLASH 768K RAM<br/>In stock: 2411 pcs</p> <p>RFQ</p>  |
|  <p><b>SPC5748GSK0AVMJ2</b><br/>Manufacturers: NXP<br/>Description: TRIPLE CORE, 6M FLASH<br/>In stock: 2917 pcs</p> <p>RFQ</p>                                    |  <p><b>SPC5748GTK0AMKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: TRIPLE CORE 6M FLASH<br/>In stock: 2801 pcs</p> <p>RFQ</p>           |
|  <p><b>SPC5748GSK0AVKU2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: TRIPLE CORE, 6M FLASH<br/>In stock: 2636 pcs</p> <p>RFQ</p>         |  <p><b>SPC5748GSK1MMN6</b><br/>Manufacturers: NXP<br/>Description: IC MCU 32BIT 6MB FLASH 324MAPBGA<br/>In stock: 2253 pcs</p> <p>RFQ</p>                           |