



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

SPC5747CK0AVMN6R

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | SPC5747CK0AVMN6R               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 32 BITDUAL CORE4M FLAS         |
| Datasheets:         |                                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

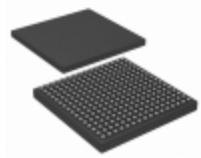
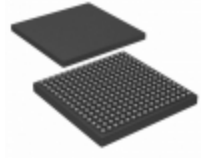
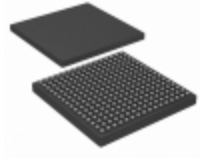
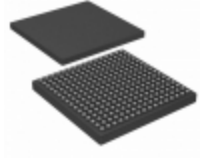
Specifications of SPC5747CK0AVMN6R

|                                 |                                                                                                               |
|---------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                     | SPC5747CK0AVMN6R                                                                                              |
| MANUFACTURER                    | NXP Semiconductors / Freescale                                                                                |
| DESCRIPTION                     | 32 BITDUAL CORE4M FLAS                                                                                        |
| LEAD FREE STATUS / ROHS STATUS  |                                                                                                               |
| DATA SHEET                      |                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)      | 3 V ~ 5.5 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE         | 324-MAPBGA (19x19)                                                                                            |
| SPEED                           | 80MHz/160MHz                                                                                                  |
| SERIES                          | MPC57xx                                                                                                       |
| RAM SIZE                        | 512K x 8                                                                                                      |
| PROGRAM MEMORY TYPE             | FLASH                                                                                                         |
| PROGRAM MEMORY SIZE             | 4MB (4M x 8)                                                                                                  |
| PERIPHERALS                     | DMA, LVD, POR, WDT                                                                                            |
| PACKAGING                       | Tape & Reel (TR)                                                                                              |
| PACKAGE / CASE                  | 324-LBGA                                                                                                      |
| OTHER NAMES                     | 935354888518                                                                                                  |
| OSCILLATOR TYPE                 | Internal                                                                                                      |
| OPERATING TEMPERATURE           | -40°C ~ 105°C (TA)                                                                                            |
| NUMBER OF I/O                   | 246                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME | 12 Weeks                                                                                                      |
| EEPROM SIZE                     | -                                                                                                             |
| DETAILED DESCRIPTION            | e200z2, e200z4 MPC57xx Microcontroller IC 32-Bit Dual-Core 80MHz/160MHz 4MB (4M x 8) FLASH 324-MAPBGA (19x19) |
| 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

|                                                 |                                         |                                                     |
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| Freescale Semiconductor - NXP SPC5747CK0AVMN6R  | NXP USA Inc. SPC5747CK0AVMN6R           |                                                     |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SPC5747CK1CMJ2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 4MB FLASH 256MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>SPC5747CHK0AVKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DUAL CORE 4M FLASH 512K RAM F<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
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| <div></div> <div><b>SPC5747CHK0AVMJ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DUAL CORE 4M FLASH 512K RAM F<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>SPC5747CFK0AVMJ6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DUAL CORE 4M FLASH 512<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>SPC5747CGK0AVKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DUAL CORE 4M FLASH 512K RAM F<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>SPC5747CK1MKU6</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 4MB FLASH 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |