



Image may be representation. See specifications for product details.

SPC5633MF2MLQ80

|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5633MF2MLQ80                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                        |
| Product description | NXP 32-BIT MCU POWER ARCH CORE                                                                        |
| Datasheets:         |  SPC5633MF2MLQ80.pdf |
| Ship From           | Hong Kong                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                 |

REQUEST FOR QUOTATION

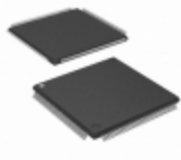
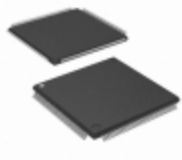
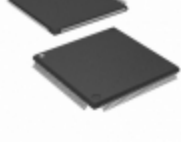
Specifications of SPC5633MF2MLQ80

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5633MF2MLQ80                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                          |
| DESCRIPTION                      | NXP 32-BIT MCU POWER ARCH CORE                                                                          |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                         |
| DATA SHEET                       |  SPC5633MF2MLQ80.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.25 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                        |
| SPEED                            | 80MHz                                                                                                   |
| SERIES                           | MPC56xx Qorivva                                                                                         |
| RAM SIZE                         | 64K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                            |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                      |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 144-LQFP                                                                                                |
| OTHER NAMES                      | 935321765557                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                      |
| NUMBER OF I/O                    | 80                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | e200z3 MPC56xx Qorivva Microcontroller IC 32-Bit 80MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)              |
| DATA CONVERTERS                  | A/D 32x12b                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | e200z3                                                                                                  |
| CONNECTIVITY                     | CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART                                                           |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale SPC5633MF2MLQ80 | SPC5633MF2MLQ80 Distributor             | SPC5633MF2MLQ80 Supplier                           |
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| Freescale Semiconductor - NXP SPC5633MF2MLQ80  | NXP USA Inc. SPC5633MF2MLQ80            |                                                    |

Related Products

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|  <div><b>SPC5633MF2MLQ60R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>SPC5634MF1MLQ60</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SPC5634MF1MLQ80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1.5MB FLASH 144LQFP<br/>In stock: 213 pcs<br/><div>RFQ</div></div>  |  <div><b>SPC5632MF2MLQ60</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>SPC5633MF2MLQ60</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5634MF1MMG80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1.5MB FLASH 208BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SPC5633MF1MLQ40</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5633MF1MLU60</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>SPC5633MF2MLU60</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5633MF1MLQ80R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>SPC5634MF2MLQ60</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>SPC5633MF2MLU80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: NXP 32-BIT MCU POWER ARCH CORE<br/>In stock: Out stock<br/><div>RFQ</div></div>   |