



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

SPC5634MF1MLQ60

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5634MF1MLQ60                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                                             |
| Datasheets:         |  1.SPC5634MF1MLQ60.pdf      |
|                     |  2.SPC5634MF1MLQ60.pdf      |
|                     |  3.SPC5634MF1MLQ60.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

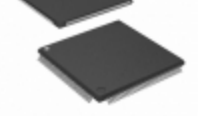
Specifications of SPC5634MF1MLQ60

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5634MF1MLQ60                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 1.5MB FLASH 144LQFP                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.SPC5634MF1MLQ60.pdf<br> 2.SPC5634MF1MLQ60.pdf<br> 3.SPC5634MF1MLQ60.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.25 V                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 60MHz                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | MPC56xx Qorivva                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 94K x 8                                                                                                                                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 1.5MB (1.5M x 8)                                                                                                                                                                                                                                                                                                                    |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                                                                                            |
| OTHER NAMES                      | 935319668557                                                                                                                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 80                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | e200z3 MPC56xx Qorivva Microcontroller IC 32-Bit 60MHz 1.5MB (1.5M 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                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | SPC5634                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale SPC5634MF1MLQ60 | SPC5634MF1MLQ60 Distributor             | SPC5634MF1MLQ60 Supplier                           |
| SPC5634MF1MLQ60 Price                          | SPC5634MF1MLQ60 Pictures                | SPC5634MF1MLQ60 Image                              |
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| Freescale Semiconductor - NXP SPC5634MF1MLQ60  | NXP USA Inc. SPC5634MF1MLQ60            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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>  |  <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>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>SPC5634MF2MLQ80R</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>SPC5633MF2MLQ80</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>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>SPC5634MF2MLQ80</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>SPC5634MF2MLQ60R</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>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>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>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>   |