

MCF5213LCVM80

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCF5213LCVM80                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 256KB FLASH 81BGA                                                                               |
| Datasheets:         |  1.MCF5213LCVM80.pdf        |
|                     |  2.MCF5213LCVM80.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

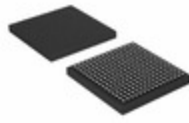
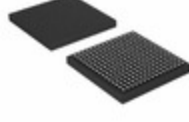
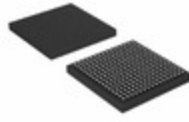
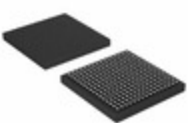
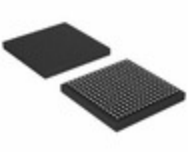
Specifications of MCF5213LCVM80

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCF5213LCVM80                                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 81BGA                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| DATA SHEET                       |  1.MCF5213LCVM80.pdf |
|                                  |  2.MCF5213LCVM80.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 81-MAPBGA (10x10)                                                                                       |
| SPEED                            | 80MHz                                                                                                   |
| SERIES                           | MCF521x                                                                                                 |
| RAM SIZE                         | 32K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                        |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                 |
| PACKAGING                        | Tray                                                                                                    |
| PACKAGE / CASE                   | 81-LBGA                                                                                                 |
| OTHER NAMES                      | 935322681557                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 56                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                       |
| DETAILED DESCRIPTION             | Coldfire V2 MCF521x Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 81-MAPBGA (10x10)            |
| DATA CONVERTERS                  | A/D 8x12b                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                  |
| CORE PROCESSOR                   | Coldfire V2                                                                                             |
| CONNECTIVITY                     | CANbus, I²C, SPI, UART/USART                                                                            |
| BASE PART NUMBER                 | MCF5213                                                                                                 |

Related Tags

|                                              |                                         |                                                  |
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| NXP Semiconductors / Freescale MCF5213LCVM80 | MCF5213LCVM80 Distributor               | MCF5213LCVM80 Supplier                           |
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| Freescale Semiconductor - NXP MCF5213LCVM80  | NXP USA Inc. MCF5213LCVM80              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>MCF5214CVM66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MCF5213CAF80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCF5213CAF66R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MCF5213 KIRIN<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |  <div><b>MCF5213LCVM66J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 81BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCF5216CVF66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MCF5213LCVM80J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 81BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCF5214CVF66J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCF5213LCVM66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 81BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MCF5212LCVM80J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 81BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCF5216CVF66J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCF5213CAF66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCF5214CVF66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |