







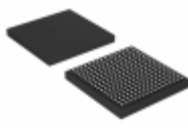
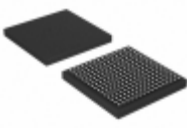
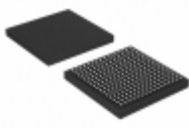

|   |   |
|---|---|
|  | <p><b>MCF5213LCVM80</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> MCF5213LCVM80</p> <p><b>Manufacturer/Brand:</b> NXP Semiconductors / Freescale</p> <p><b>Part of Description:</b> IC MCU 32BIT 256KB FLASH 81BGA</p> <p><b>Datasheets:</b> <a href="#">1.MCF5213LCVM80.pdf</a><br/><a href="#">2.MCF5213LCVM80.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant<br/>New original, 698 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|  |   |
| <p>Image may be representation.<br/>See specs for product details.</p>            |   |

### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | MCF5213LCVM80   |
| Manufacturer               | NXP Semiconductors / Freescale                          |
| Description                | IC MCU 32BIT 256KB FLASH 81BGA                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 698 pcs Stock   |
| Series                     | MCF521x   |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Package / Case             | 81-LBGA   |
| Supplier Device Package    | 81-MAPBGA (10x10)                                       |
| Peripherals                | DMA, LVD, POR, PWM, WDT                                 |
| Core Processor             | Coldfire V2   |
| Speed                      | 80MHz   |
| Number of I/O              | 56  |
| EEPROM Size                | -   |
| RAM Size                   | 32K x 8   |
| Core Size                  | 32-Bit  |
| Connectivity               | CAN, I <sup>2</sup> C, SPI, UART/USART                  |
| Program Memory Size        | 256KB (256K x 8)  |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V   |
| Data Converters            | A/D 8x12b   |
| Oscillator Type            | Internal  |
| Packaging                  | Tray  |

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|  <p><b>MCF5214CVF66</b><br/>NXP Semiconductors / Freescale<br/>IC MCU 32BIT 256KB FLASH<br/>256BGA</p> |  <p><b>MCF5214CVM66</b><br/>NXP Semiconductors / Freescale<br/>IC MCU 32BIT 256KB FLASH<br/>256BGA</p>  |  <p><b>MCF5214CVF66J</b><br/>NXP Semiconductors / Freescale<br/>IC MCU 32BIT 256KB FLASH<br/>256BGA</p> |  <p><b>MCF5213CAF66</b><br/>NXP Semiconductors / Freescale<br/>IC MCU 32BIT 256KB FLASH<br/>100LQFP</p> |

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|-------------------|----------------|---------------------|---------------------|----------------|
| 06031C181JAT2A    | 08055C222JAT2A | 19-217UTD/S759/TR8  | D 20BQ060TRPBF      | ADP3654ARDZ-RL |
| APT30M36JLL       | AT49BV512-12PC | D BZX585-C62        | C3216X6S1E685M160AB | CAT25128XI-T2  |
| CC0603ZRY5V8BB104 | CD4514BCN      | CGB3B1JB1A475M055AC | CPH5838-TL-E        | DMN5L06DMKQ-7  |
| EMB1499QMH        | FAN5614S7X     | FBA50BA50           | FESB16DT            | FQD13N06TF     |
| FQP6N80C          | GDM21230       | HFA30TA60C          | HN1C01FE-GR         | HTA600-S       |
| INA168NA/3KG4     | IXTA26P10T     | LA1823M-TLM-E       | LFE2M50E-7FN672C-6I | LT1962EMS8#PBF |
| LT1999CMS8-20#PBF | LTC3442EDE     | LTC4449EDCB#TRPBF   | LTC6088CDHC#PBF     | MAX883ESA+     |
| MCR50JZHJ180-18R  | MSA-1105-TR1   | NV300-3LF           | PA400F28-3.3        | PI3B3253QEX    |
| PS9121-F4-AX      | RT9362APQV.    | S-80793SN-7Q-T1-G   | SG25AA40            | SH8J65TB1      |
| SIR404DP          | SN65C3232EDRG4 | STF203-33.TCT       | TSD30100DV          | UPD78P9014CT   |

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