





Energy Micro (Silicon Labs)




C8051F912-GMR

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| Part Number: | C8051F912-GMR |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description | IC MCU 8BIT 16KB FLASH 24QFN |
| Datasheets: |  C8051F912-GMR.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION

Specifications of C8051F912-GMR

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|----------------------------------|---|
| PART NUMBER | C8051F912-GMR |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | IC MCU 8BIT 16KB FLASH 24QFN |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET |  C8051F912-GMR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 0.9 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 24-QFN (4x4) |
| SPEED | 25MHz |
| SERIES | C8051F9xx |
| RAM SIZE | 768 x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 16KB (16K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 24-WFQFN Exposed Pad |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 16 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | 8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 24-QFN (4x4) |
| DATA CONVERTERS | A/D 15x10/12b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | 8051 |
| CONNECTIVITY | SMBus (2-Wire/I²C), SPI, UART/USART |
| BASE PART NUMBER | C8051F91 |

Related Tags

| | | |
|---|--------------------------------------|---|
| Energy Micro (Silicon Labs) C8051F912-GMR | C8051F912-GMR Distributor | C8051F912-GMR Supplier |
| C8051F912-GMR Price | C8051F912-GMR Pictures | C8051F912-GMR Image |
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| Energy Micro (Silicon Labs) C8051F912-GMR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
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| Silicon Laboratories C8051F912-GMR | Silicon Labs C8051F912-GMR | |

Related Products

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|---|---|
| <div></div> <div>C8051F920-F-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: Out stock <div>RFQ</div></div> | <div></div> <div>C8051F912-GUR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: Out stock <div>RFQ</div></div> |
| <div></div> <div>C8051F912-D-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 78 pcs <div>RFQ</div></div> | <div></div> <div>C8051F912-D-GU Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 56 pcs <div>RFQ</div></div> |
| <div></div> <div>C8051F912-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: EVAL BOARD C8051F912 In stock: Out stock <div>RFQ</div></div> | <div></div> <div>C8051F912-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: Out stock <div>RFQ</div></div> |
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| <div></div> <div>C8051F912DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV FOR C8051F91X/C8051F90X In stock: 2 pcs <div>RFQ</div></div> | <div></div> <div>C8051F912-D-GUR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: Out stock <div>RFQ</div></div> |