

C8051F396-A-GMR



SILICON LABS



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Part Number: [C8051F396-A-GMR](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 8BIT 8KB FLASH 20QFN

Data sheet:  [C8051F39x, 37x](#)

RoHs Status: Lead free / RoHS Compliant

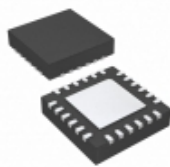
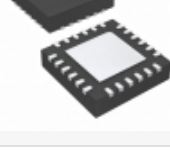
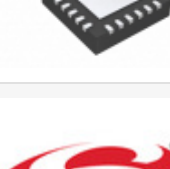
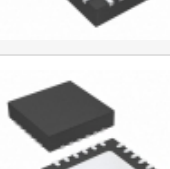
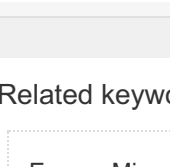
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | C8051F396-A-GMR                           | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MCU 8BIT 8KB FLASH 20QFN               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                   | 85410 pcs                                 | Data sheet                       | <a href="#">C8051F39x, 37x</a>                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                              | 20-QFN (4x4)                              | Speed                            | 50MHz                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                               | C8051F39x                                 | RAM Size                         | 1K x 8                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                  | FLASH                                     | Program Memory Size              | 8KB (8K x 8)                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                          | POR, PWM, Temp Sensor, WDT                | Packaging                        | Tape & Reel (TR)                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                       | 20-VFQFN Exposed Pad                      | Other Names                      | 336-4387-2<br>C8051F396-A-GMR-ND                                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                      | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                        | 17                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                 |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                      | 6 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Detailed Description             | 8051 C8051F39x Microcontroller IC 8-Bit 50MHz 8KB (8K x 8) FLASH 20-QFN (4x4) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                      | A/D 16x10b; D/A 2x10b                     | Core Size                        | 8-Bit                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                       | 8051                                      | Connectivity                     | SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                     | C8051F39                                  |                                  |                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 85410 pieces of Energy Micro (Silicon Labs) C8051F396-A-GMR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                  |                                                                               |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                            |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|-----|
|  | Part#: <a href="#">C8051F391-A-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 24QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F398-A-GMR</a><br>Description: IC MCU 8BIT 4KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F410-TB-K</a><br>Description: BOARD PROTOTYPING W/C8051F410 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F399-A-GM</a><br>Description: IC MCU 8BIT 4KB FLASH 20QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
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|  | Part#: <a href="#">C8051F397-A-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F410-GQR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F399-A-GMR</a><br>Description: IC MCU 8BIT 4KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F392-A-GM</a><br>Description: IC MCU 8BIT 16KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F392-A-GMR</a><br>Description: IC MCU 8BIT 16KB FLASH 20QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F395-A-GMR</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
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|  | Part#: <a href="#">C8051F395-A-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F396-A-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F393-A-GM</a><br>Description: IC MCU 8BIT 16KB FLASH 20QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F410-GQ</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |

Related keywords for C8051F396-A-GMR

|                                             |                              |                                             |                                      |
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