

C8051F126-GQ



SILICON LABS



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Part Number: C8051F126-GQ

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 100TQFP

Data sheet:  C8051F120-27/130-33

RoHs Status: Lead free / RoHS Compliant

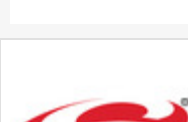
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |                                  |                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------|-----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                      | C8051F126-GQ                                                                          | Manufacturer                     | Energy Micro (Silicon Labs) |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 8BIT 128KB FLASH 100TQFP                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                               | 6416 pcs                                                                              | Data sheet                       | C8051F120-27/130-33         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                         | Integrated Circuits (ICs)                                                             | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 3.6 V               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                          | 100-TQFP (14x14)                                                                      | Speed                            | 50MHz                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                           | C8051F12x                                                                             | RAM Size                         | 8.25K x 8                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                                                                 | Program Memory Size              | 128KB (128K x 8)            |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                    | Packaging                        | Tray                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                   | 100-TQFP                                                                              | Other Names                      | 336-1230<br>C8051F126GQ     |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                  | Internal                                                                              | Operating Temperature            | -40°C ~ 85°C (TA)           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                    | 64                                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                                                            | EEPROM Size                      | -                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                             | 8051 C8051F12x Microcontroller IC 8-Bit 50MHz 128KB (128K x 8) FLASH 100-TQFP (14x14) |                                  |                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                        | 8-Bit                                                                                 | Core Processor                   | 8051                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                     | EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                             | Base Part Number                 | C8051F12                    |
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| RELATED PRODUCTS                                                                                           |                                                                      |                                            |     |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------|-----|
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|  <div>SILICON LABS</div> | Part#: C8051F124DK-J<br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F126<br>Description: IC MCU 8BIT 128KB FLASH 100TQFP     | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F127R<br>Description: IC MCU 8BIT 128KB FLASH 64TQFP     | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F125-GQ<br>Description: IC MCU 8BIT 128KB FLASH 64TQFP   | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F124DK-K<br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F130-GQR<br>Description: IC MCU 8BIT 128KB FLASH 100TQFP | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F125R<br>Description: IC MCU 8BIT 128KB FLASH 64TQFP     | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F127-GQR<br>Description: IC MCU 8BIT 128KB FLASH 64TQFP  | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F124DK-H<br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F125<br>Description: IC MCU 8BIT 128KB FLASH 64TQFP      | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
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|  <div>SILICON LABS</div> | Part#: C8051F124DK-T<br>Description: DEV KIT FOR F124/F125/F126/F127 | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
|  <div>SILICON LABS</div> | Part#: C8051F127<br>Description: IC MCU 8BIT 128KB FLASH 64TQFP      | Manufacturers: Energy Micro (Silicon Labs) | RFQ |
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Related keywords for C8051F126-GQ

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