



C8051F126R

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | C8051F126R                                                                                                           |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                          |
| Product description | IC MCU 8BIT 128KB FLASH 100TQFP                                                                                      |
| Datasheets:         |  C8051F126R.pdf                     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3161 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of C8051F126R

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | C8051F126R                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                        |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 100TQFP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                 |
| QUANTITY AVAILABLE               | 3161 pcs                                                                                           |
| DATA SHEET                       |  C8051F126R.pdf |
| 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                        | Cut Tape (CT)                                                                                      |
| PACKAGE / CASE                   | 100-TQFP                                                                                           |
| OTHER NAMES                      | 336-1061-1                                                                                         |
| 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   | Contains lead / RoHS non-compliant                                                                 |
| EEPROM SIZE                      | -                                                                                                  |
| DETAILED DESCRIPTION             | 8051 C8051F12x Microcontroller IC 8-Bit 50MHz 128KB (128K x 8) FLASH 100-TQFP (14x14)              |
| DATA CONVERTERS                  | A/D 8x8b, 8x10b; D/A 2x12b                                                                         |
| 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                                                                                           |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Energy Micro (Silicon Labs) C8051F126R | C8051F126R Distributor               | C8051F126R Supplier                        |
| C8051F126R Price                       | C8051F126R Pictures                  | C8051F126R Image                           |
| C8051F126R PDF Datasheet               | C8051F126R Download Datasheet        | C8051F126R Datasheet                       |
| C8051F126R Stock                       | Buy C8051F126R                       | Buy Energy Micro (Silicon Labs) C8051F126R |
| Energy Micro (Silicon Labs) C8051F126R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor    |
| Energy Micro (Silicon Labs) C8051F126R | Energy Micro C8051F126R              | Energy Micro (Silicon Labs) C8051F126R     |
| Silicon Laboratories C8051F126R        | Silicon Labs C8051F126R              |                                            |

Related Products

|                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                 |
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| <div><div>SILICON LABS</div></div> <div><b>C8051F125R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 5642 pcs<br/><div>RFQ</div></div>    | <div><div>SILICON LABS</div></div> <div><b>C8051F126</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 5351 pcs<br/><div>RFQ</div></div>     |
| <div><div>SILICON LABS</div></div> <div><b>C8051F126-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 5895 pcs<br/><div>RFQ</div></div> | <div><div>SILICON LABS</div></div> <div><b>C8051F127-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 5489 pcs<br/><div>RFQ</div></div>  |
| <div><div>SILICON LABS</div></div> <div><b>C8051F130-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 5667 pcs<br/><div>RFQ</div></div> | <div><div>SILICON LABS</div></div> <div><b>C8051F125-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 5778 pcs<br/><div>RFQ</div></div>   |
| <div><div>SILICON LABS</div></div> <div><b>C8051F130</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 3172 pcs<br/><div>RFQ</div></div>    | <div><div>SILICON LABS</div></div> <div><b>C8051F127-GQ</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 5258 pcs<br/><div>RFQ</div></div>   |
| <div><div>SILICON LABS</div></div> <div><b>C8051F127R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 3715 pcs<br/><div>RFQ</div></div>    | <div><div>SILICON LABS</div></div> <div><b>C8051F127</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 3135 pcs<br/><div>RFQ</div></div>      |
| <div><div>SILICON LABS</div></div> <div><b>C8051F125-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 6433 pcs<br/><div>RFQ</div></div> | <div><div>SILICON LABS</div></div> <div><b>C8051F126-GQR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 128KB FLASH 100TQFP<br/>In stock: 5862 pcs<br/><div>RFQ</div></div> |