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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><div>Not Actual Photo<br/>YIC International Co., Limited.</div></div> | <div>C8051F127-GQR</div> <div><div>Manufacturer Part Number:</div><div>C8051F127-GQR</div></div> <div><div>Manufacturer/Brand:</div><div>Energy Micro (Silicon Labs)</div></div> <div><div>Part of Description:</div><div>IC MCU 8BIT 128KB FLASH 64TQFP</div></div> <div><div>Datasheets:</div><div> <a href="#">C8051F127-GQR.pdf</a></div></div> <div><div>RoHs Status:</div><div> Lead free / RoHS</div></div> <div><div>Stock Condition:</div><div>Compliant<br/>New original, 2529 pcs Stock Available.</div></div> <div><div>Ship From:</div><div>Hong Kong</div></div> <div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div> |
| <div>Image may be representation.<br/>See specs for product details.</div>                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | C8051F127-GQR                                           |
| Manufacturer               | Energy Micro (Silicon Labs)                             |
| Description                | IC MCU 8BIT 128KB FLASH 64TQFP                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2529 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V                                           |
| Supplier Device Package    | 64-TQFP (10x10)                                         |
| 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                  | Tape & Reel (TR)                                        |
| Package / Case             | 64-TQFP                                                 |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 32                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 8x8b, 8x10b; D/A 2x12b                              |
| Core Size                  | 8-Bit                                                   |
| Core Processor             | 8051                                                    |
| Connectivity               | EBI/EMI, SMBus (2-Wire/I²C), SPI, UART/USART            |
|                            |                                                         |

You May Be Also Be interested

|     |                                                                                                                                                                                 |                                                                                                                                                                                  |                                                                                                                                                                                 |                                                                                                                                                                                    |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In: | <div></div> <div>C8051F126-GQ<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>100TQFP</div> | <div></div> <div>C8051F130-GQR<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>100TQFP</div> | <div></div> <div>C8051F127-GQ<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>64TQFP</div> | <div></div> <div>C8051F126-GQR<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>100TQFP</div> |
|     | <div></div> <div>C8051F130<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>100TQFP</div>    | <div></div> <div>C8051F130-GQ<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>100TQFP</div>  | <div></div> <div>C8051F127R<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>64TQFP</div>   | <div></div> <div>C8051F126R<br/>Silicon Labs<br/>IC MCU 8BIT 128KB FLASH<br/>100TQFP</div>    |

| C8051F127-GQR Related keyword             |                            |                           |                     |                            | More |
|-------------------------------------------|----------------------------|---------------------------|---------------------|----------------------------|------|
| C8051F127-GQR Energy Micro (Silicon Labs) | C8051F127-GQR Data Sheet   | C8051F127-GQR Datasheets  | C8051F127-GQR PDF   | C8051F127-GQR              |      |
| C8051F127-GQR Electronic                  | C8051F127-GQR Components   | C8051F127-GQR Distributor | C8051F127-GQR Image | C8051F127-GQR Part         |      |
| C8051F127-GQR Price                       | C8051F127-GQR Manufacturer | C8051F127-GQR Picture     | C8051F127-GQR Stock | C8051F127-GQR Inventory    |      |
| C8051F127-GQR New                         | C8051F127-GQR Original     | C8051F127-GQR Warranted   | C8051F127-GQR RFQ   | C8051F127-GQR Order Online |      |