



**Energy Micro (Silicon Labs)** 



Image may be representation. See specifications for product details.

#### C8051F021-GQR

Part Number:

Manufacturer/Brand: Product description

Datasheets: RoHs Status

Ship From Shipment Way C8051F021-GQR

Energy Micro (Silicon Labs)

IC MCU 8BIT 64KB FLASH 64TQFP

C8051F021-GQR.pdf

Lead free / RoHS Compliant Hong Kong

DHL/Fedex/TNT/UPS/EMS



Specifications of C8051F021-GQR

**REQUEST FOR QUOTATION** 

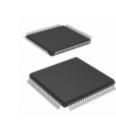
|                                  | Specifications of Coosti 021-GQK   |
|----------------------------------|--|
| PART NUMBER                      | C8051F021-GQR  |
| MANUFACTURER                     | Energy Micro (Silicon Labs)  |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 64TQFP  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       | EDF C8051F021-GQR.pdf  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V  |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)  |
| SPEED                            | 25MHz  |
| SERIES                           | C8051F02x  |
| RAM SIZE                         | 4.25K x 8  |
| PROGRAM MEMORY TYPE              | FLASH  |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)   |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                 |
| PACKAGING                        | Tape & Reel (TR)   |
| PACKAGE / CASE                   | 64-TQFP  |
| OTHER NAMES                      | 336-4310-2<br>C8051F021-GQR-ND   |
| OSCILLATOR TYPE                  | Internal   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)  |
| NUMBER OF I/O                    | 32   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| EEPROM SIZE                      | -  |
| DETAILED DESCRIPTION             | 8051 C8051F02x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 64-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x8b, 8x12b; D/A 2x12b   |
| CORE SIZE                        | 8-Bit  |
| CORE PROCESSOR                   | 8051   |
| CONNECTIVITY                     | EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                          |
| DACE DART NUMBER                 | 00054503   |

# **Related Tags**

C8051F02

| Energy Micro (Silicon Labs) C8051F021-GQR | C8051F021-GQR Distributor            | C8051F021-GQR Supplier                        |
|---|--------------------------------------|---|
| C8051F021-GQR Price                       | C8051F021-GQR Pictures               | C8051F021-GQR Image                           |
| C8051F021-GQR PDF Datasheet               | C8051F021-GQR Download Datasheet     | C8051F021-GQR Datasheet                       |
| C8051F021-GQR Stock                       | Buy C8051F021-GQR                    | Buy Energy Micro (Silicon Labs) C8051F021-GQR |
| Energy Micro (Silicon Labs) C8051F021-GQR | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor       |
| Energy Micro (Silicon Labs) C8051F021-GQR | Energy Micro C8051F021-GQR           | Energy Micro (Silicon Labs) C8051F021-GQR     |
| Silicon Laboratories C8051F021-GQR        | Silicon Labs C8051F021-GQR           |   |

# **Related Products**



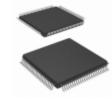
BASE PART NUMBER

# C8051F020R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP

In stock: Out stock

**RFQ** 



### C8051F022R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP

In stock: Out stock **RFQ** 

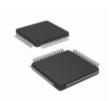


# C8051F020DK-T

Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F020/F021/F022/F023

In stock: Out stock

**RFQ** 

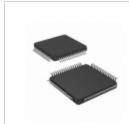


## C8051F021-GQ

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP

In stock: 523 pcs

**RFQ** 



# C8051F023

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP

In stock: Out stock

**RFQ** 



### C8051F020DK-U

Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F020/F021/F022/F023

In stock: Out stock

**RFQ** 



# C8051F021

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP

In stock: Out stock

**RFQ** 



### C8051F022-GQR

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock

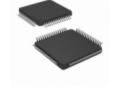
**RFQ** 



#### C8051F020DK-K Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F020/F021/F022/F023 In stock: Out stock

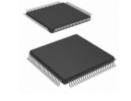
**RFQ** 



#### C8051F021R Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock

**RFQ** 



#### C8051F022 Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock

**RFQ** 



# C8051F022-GQ

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP

**RFQ** 

In stock: 879 pcs





Address: Room 2102, Connaught Commercial Building, 185 Wan Chai Rd, Wan Chai, Hong Kong









