




Energy Micro (Silicon Labs)

## C8051F040-GQR

Part Number:	C8051F040-GQR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 64KB FLASH 100TQFP
Datasheets:	<a href="#">PDF C8051F040-GQR.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.







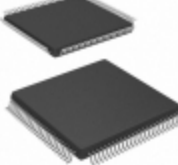





### Specifications of C8051F040-GQR

PART NUMBER	C8051F040-GQR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF C8051F040-GQR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	25MHz
SERIES	C8051F04x
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	100-TQFP
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 C8051F04x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 8x8b, 13x12b; D/A 2x10b, 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	CANbus, EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART
BASE PART NUMBER	C8051F04

### Related Tags

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 <p><b>C8051F023</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>C8051F040DK</b> Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 3 pcs <a href="#">RFQ</a></p>
 <p><b>C8051F040DK-E</b> Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>C8051F040-TB-K</b> Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPING W/C8051F040 In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>C8051F023-GQ</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 399 pcs <a href="#">RFQ</a></p>	 <p><b>C8051F023-GQR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock <a href="#">RFQ</a></p>
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