




Energy Micro (Silicon Labs)

**C8051F044**

Part Number:	C8051F044
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 64KB FLASH 100TQFP
Datasheets:	<a href="#">PDF C8051F044.pdf</a>
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.




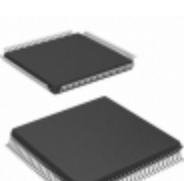






**Specifications of C8051F044**

PART NUMBER	C8051F044
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	<a href="#">PDF C8051F044.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	Tray
PACKAGE / CASE	100-TQFP
OTHER NAMES	336-1156
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 C8051F04x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 13x10b
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**

Energy Micro (Silicon Labs) C8051F044	C8051F044 Distributor	C8051F044 Supplier
C8051F044 Price	C8051F044 Pictures	C8051F044 Image
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Silicon Laboratories C8051F044	Silicon Labs C8051F044	

**Related Products**

 <p><b>C8051F043</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>C8051F045</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>C8051F045-GQ</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 336 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>C8051F046</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 100TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>C8051F044-GQ</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 528 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>C8051F043-GQ</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>C8051F045-GQR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>C8051F044-GQR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>C8051F042-GQR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 175 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>C8051F043-GQR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>C8051F043R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>C8051F042R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock</p> <p><a href="#">RFQ</a></p>