

C8051F060R



SILICON LABS



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Part Number: [C8051F060R](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 8BIT 64KB FLASH 100TQFP

Data sheet:  [C8051F060-67](#)

RoHs Status: Contains lead / RoHS non-compliant

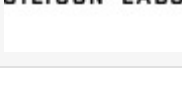
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PRODUCT PARAMETER			
Part Number	C8051F060R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 64KB FLASH 100TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5953 pcs	Data sheet	C8051F060-67
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	25MHz
Series	C8051F06x	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	Other Names	336-1072-2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	59	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	8051 C8051F06x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)	Data Converters	A/D 2x16b, 8x10b; D/A 2x12b
Core Size	8-Bit	Core Processor	8051
Connectivity	CANbus, EBI/EMI, SMBus (2-Wire/I ² C), SPI, UART/USART	Base Part Number	C8051F06
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 SILICON LABS	Part#: C8051F046-GQR Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F060DK-U Description: DEV KIT FOR F060/F062/F063	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F062 Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F060 Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F063 Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F061 Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F063-GQ Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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 SILICON LABS	Part#: C8051F061-GQR Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F061R Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F062-GQR Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F047-GQ Description: IC MCU 8BIT 32KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F061-GQ Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F047-GQR Description: IC MCU 8BIT 32KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F060DK Description: DEV KIT FOR F060/F062/F063	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F062-GQ Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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