



C8051F065R



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**Part Number:** [C8051F065R](#)

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

**Description:** IC MCU 8BIT 64KB FLASH 64TQFP

**Data sheet:**  [C8051F060-67](#)

**RoHs Status:** Contains lead / RoHS non-compliant





















**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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PRODUCT PARAMETER			
Part Number	C8051F065R	Manufacturer	<a href="#">Energy Micro (Silicon Labs)</a>
Description	IC MCU 8BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4882 pcs	Data sheet	<a href="#">C8051F060-67</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	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, WDT	Packaging	Cut Tape (CT)
Package / Case	64-TQFP	Other Names	336-1090-1
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	24	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 64-TQFP (10x10)	Data Converters	A/D 2x16b
Core Size	8-Bit	Core Processor	8051
Connectivity	SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART	Base Part Number	C8051F06
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