

C8051F065



SILICON LABS



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Part Number: [C8051F065](#)

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

Description: IC MCU 8BIT 64KB FLASH 64TQFP

Data sheet:  [C8051F060-67](#)

RoHs Status: Contains lead / RoHS non-compliant

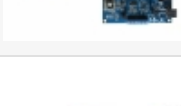
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PRODUCT PARAMETER			
Part Number	C8051F065	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5187 pcs	Data sheet	C8051F060-67
Category	Integrated Circuits (ICs)	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	Tray
Package / Case	64-TQFP	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 ² C), SPI, UART/USART
Base Part Number	C8051F06		
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