

C8051F010R



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Part Number: [C8051F010R](#)

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

Description: IC MCU 8BIT 32KB FLASH 64TQFP

Data sheet:  [C8051F0xx](#)

RoHs Status: Contains lead / RoHS non-compliant

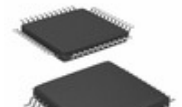
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PRODUCT PARAMETER			
Part Number	C8051F010R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 64TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4375 pcs	Data sheet	C8051F0xx
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	Speed	20MHz
Series	C8051F01x	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-TQFP	Other Names	336-1005-2
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	8051 C8051F01x Microcontroller IC 8-Bit 20MHz 32KB (32K x 8) FLASH 64-TQFP (10x10)	Data Converters	A/D 8x10b; D/A 2x12b
Core Size	8-Bit	Core Processor	8051
Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART	Base Part Number	C8051F01
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