

C8051F127



SILICON LABS



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Part Number: [C8051F127](#)

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

Description: IC MCU 8BIT 128KB FLASH 64TQFP

Data sheet:  [C8051F120-27/130-33](#)

RoHs Status: Contains lead / RoHS non-compliant

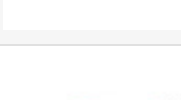
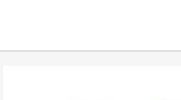
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PRODUCT PARAMETER			
Part Number	C8051F127	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 128KB FLASH 64TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5940 pcs	Data sheet	C8051F120-27/130-33
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	Speed	50MHz
Series	C8051F12x	RAM Size	8.25K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	64-TQFP	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 C8051F12x Microcontroller IC 8-Bit 50MHz 128KB (128K x 8) FLASH 64-TQFP (10x10)
Data Converters	A/D 8x8b, 8x10b; D/A 2x12b	Core Size	8-Bit
Core Processor	8051	Connectivity	EBI/EMI, SMBus (2-Wire/I²C), SPI, UART/USART
Base Part Number	C8051F12		
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