

C8051F321



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SILICON LABS

Part Number: [C8051F321](#)

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

Description: IC MCU 8BIT 16KB FLASH 28MLP

Data sheet:  [C8051F320/1 Rev1.1](#)

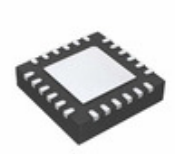
RoHS Status: Contains lead / RoHS non-compliant

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PRODUCT PARAMETER			
Part Number	C8051F321	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB FLASH 28MLP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4089 pcs	Data sheet	C8051F320/1 Rev1.1
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	28-MLP (5x5)	Speed	25MHz
Series	C8051F32x	RAM Size	2.25K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tube
Package / Case	28-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	-	Detailed Description	8051 C8051F32x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 28-MLP (5x5)
Data Converters	A/D 13x10b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART, USB
Base Part Number	C8051F32		
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	Part#: C8051F327-GMR Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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