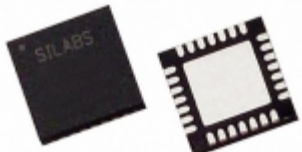


C8051F321R



**SILICON LABS**

Part Number: [C8051F321R](#)

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

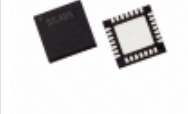
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	C8051F321R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB FLASH 28MLP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4733 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	Tape & Reel (TR)
Package / Case	28-VQFN Exposed Pad	Other Names	336-1067-2
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#: C8051F326-TB Description: BOARD PROTOTYPING W/C8051F326	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F321-GMR Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320 Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320-GQ Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F321 Description: IC MCU 8BIT 16KB FLASH 28MLP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320DK Description: DEV KIT FOR C8051F320/F321	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F326-GMR Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320DK-U Description: DEV KIT FOR C8051F320/F321	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F321-GM Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F330 Description: IC MCU 8BIT 8KB FLASH 20MLP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F326-GM Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F330-GDI Description: IC MCU 8BIT 8KB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F326DK Description: KIT DEV FOR C8051F326/7	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320R Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320-TB-K Description: BOARD PROTOTYPING W/C8051F320	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F327-GM Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F330-GM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F326-GDI Description: IC MCU 8BIT 16KB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320-GQR Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F327-GMR Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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