

C8051F320-GQR



SILICON LABS



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Part Number: [C8051F320-GQR](#)

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

Description: IC MCU 8BIT 16KB FLASH 32LQFP

Data sheet:  [C8051F320/1](#)

RoHs Status: Lead free / RoHS Compliant

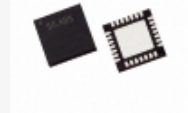
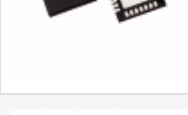
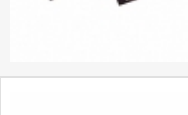
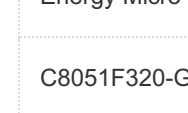
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PRODUCT PARAMETER			
Part Number	C8051F320-GQR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14594 pcs	Data sheet	C8051F320/1
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	32-LQFP (7x7)	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	32-LQFP	Other Names	C8051F320-GQR-ND C8051F320-GQTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	25	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	8051 C8051F32x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 32-LQFP (7x7)	Data Converters	A/D 17x10b
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#: C8051F320DK-U Description: DEV KIT FOR C8051F320/F321	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F314-GQR Description: IC MCU 8BIT 8KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F326-GM Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F315 Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F320R Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F317-GMR Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320-GQ Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F315-GMR Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F321R Description: IC MCU 8BIT 16KB FLASH 28MLP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F315-GM Description: IC MCU 8BIT 8KB FLASH 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320DK Description: DEV KIT FOR C8051F320/F321	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F320 Description: IC MCU 8BIT 16KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F316-GMR Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F317-GM Description: IC MCU 8BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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