

C8051T320-GQ



SILICON LABS



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Part Number: [C8051T320-GQ](#)

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

Description: IC MCU 8BIT 16KB OTP 32LQFP

Data sheet:  [C8051T620/1,320-3,626/7 Errata](#)
 [C8051T620/1/6/7-T320/1/2/3](#)

RoHs Status: Lead free / RoHS Compliant

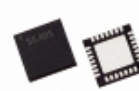
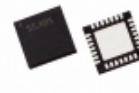
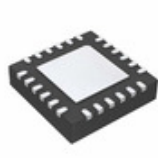
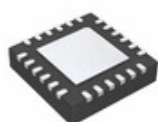
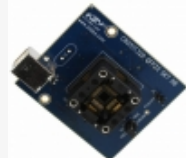
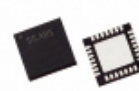
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051T320-GQ	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB OTP 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	77223 pcs	Data sheet	C8051T620/1,320-3,626/7 Errata C8051T620/1/6/7-T320/1/2/3
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.25 V
Supplier Device Package	32-LQFP (7x7)	Speed	48 MIPS
Series	C8051T32x	RAM Size	1.25K x 8
Program Memory Type	OTP	Program Memory Size	16KB (16K x 8)
Peripherals	POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	32-LQFP	Other Names	336-2033 C8051T320GQ
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 C8051T32x Microcontroller IC 8-Bit 48 MIPS 16KB (16K x 8) OTP 32-LQFP (7x7)	Data Converters	A/D 21x10b
Core Size	8-Bit	Core Processor	8051
Connectivity	I²C, SPI, UART/USART, USB	Base Part Number	C8051T32
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	Part#: C8051T321-GMR Description: IC MCU 8BIT 16KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T322-GQ Description: IC MCU 8BIT 16KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F997-GM Description: IC MCU 8BIT 8KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F997-GUR Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T321-GM Description: IC MCU 8BIT 16KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F997-C-GU Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T323-GMR Description: IC MCU 8BIT 16KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F997-GMR Description: IC MCU 8BIT 8KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F997-GU Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F997-C-GUR Description: IC MCU 8BIT 8KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051T321DB28 Description: SOCKET ADAPTER FOR C8051T321	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F996-TB-K Description: EVAL BOARD C8051F996	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T320-GQR Description: IC MCU 8BIT 16KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F997-C-GMR Description: IC MCU 8BIT 8KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T320DB32 Description: SOCKET ADAPTER FOR C8051T320	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T322-GQR Description: IC MCU 8BIT 16KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T323-GM Description: IC MCU 8BIT 16KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F996DK Description: KIT DEV FOR C8051F996	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T326-GM Description: IC MCU 8BIT 16KB OTP 28QFN	Manufacturers: Silicon Labs	RFQ

Related keywords for C8051T320-GQ

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