

C8051T616-GMR



**SILICON LABS**

Part Number: [C8051T616-GMR](#)

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

Description: IC MCU 8BIT 16KB OTP 24QFN

Data sheet:  [C8051T610/1/2/3/4/5/6/7](#)
 [C8051T61x Rev C Errata](#)

RoHs Status: Lead free / RoHS Compliant

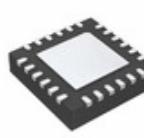
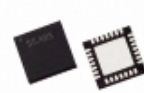
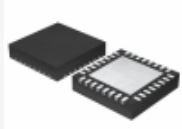
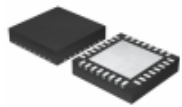
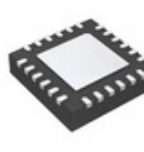
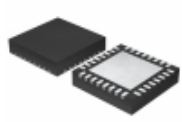
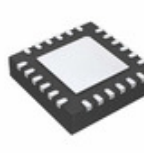
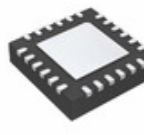
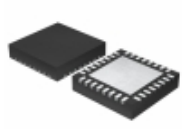
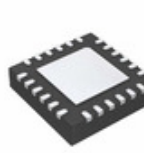
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	C8051T616-GMR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB OTP 24QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39051 pcs	Data sheet	C8051T610/1/2/3/4/5/6/7 C8051T61x Rev C Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	24-QFN (4x4)	Speed	25MHz
Series	C8051T61x	RAM Size	1.25K x 8
Program Memory Type	OTP	Program Memory Size	16KB (16K x 8)
Peripherals	POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	24-WFQFN 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	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051T61x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) OTP 24-QFN (4x4)
Data Converters	A/D 13x10b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART
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RELATED PRODUCTS			
	Part#: C8051T613-GMR Description: IC MCU 8BIT 8KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T616-GM Description: IC MCU 8BIT 16KB OTP 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T612-GQ Description: IC MCU 8BIT 8KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T611-GMR Description: IC MCU 8BIT 16KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T612-GQR Description: IC MCU 8BIT 8KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T615-GMR Description: IC MCU 8BIT 8KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T620DB32 Description: SOCKET ADAPTER FOR C8051T620	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T620-GMR Description: IC MCU 8BIT 16KB OTP 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T621-GMR Description: IC MCU 8BIT 16KB OTP 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T622-GM Description: IC MCU 8BIT 16KB OTP 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T621-GM Description: IC MCU 8BIT 16KB OTP 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T613-GM Description: IC MCU 8BIT 8KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T617-GM Description: IC MCU 8BIT 16KB OTP 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T614-GQ Description: IC MCU 8BIT 8KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T620DK Description: DEV KIT FOR C8051T620	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T622-GMR Description: IC MCU 8BIT 16KB OTP 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T620-GM Description: IC MCU 8BIT 16KB OTP 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T615-GM Description: IC MCU 8BIT 8KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T614-GQR Description: IC MCU 8BIT 8KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T617-GMR Description: IC MCU 8BIT 16KB OTP 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

Related keywords for C8051T616-GMR			
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