

C8051T610-GQ



SILICON LABS



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Part Number: [C8051T610-GQ](#)

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

Description IC MCU 8BIT 16KB OTP 32LQFP

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

RoHs Status: Lead free / RoHS Compliant

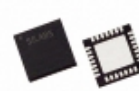
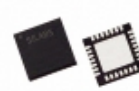
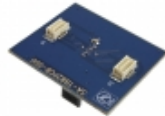
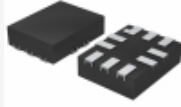
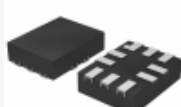
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PRODUCT PARAMETER			
Part Number	C8051T610-GQ	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB OTP 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28624 pcs	Data sheet	C8051T610/1/2/3/4/5/6/7 C8051T61x Rev C Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	32-LQFP (7x7)	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	Tray
Package / Case	32-LQFP	Other Names	336-1435
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	29	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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 32-LQFP (7x7)	Data Converters	A/D 21x10b
Core Size	8-Bit	Core Processor	8051
Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART	Base Part Number	C8051T61
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RELATED PRODUCTS			
	Part#: C8051T613-GM Description: IC MCU 8BIT 8KB OTP 28QFN	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#: C8051T610DB28 Description: DAUGHTER BOARD T610 28QFN SOCKET	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T612-GQ Description: IC MCU 8BIT 8KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T605-GSR Description: IC MCU 8BIT 2KB OTP 14SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T610DK Description: KIT DEV FOR C8051T61X MCU'S	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606-GM Description: IC MCU 8BIT 1.5KB OTP 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606ZDB Description: CARD DAUGHTER QFN10 SOCKET	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606-ZM Description: IC MCU 8BIT 1.5KB OTP 10QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T610-GQR Description: IC MCU 8BIT 16KB OTP 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T610DB24 Description: DAUGHTER BOARD T610 24QFN SOCKET	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T611-GM Description: IC MCU 8BIT 16KB OTP 28QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606-ZMR Description: IC MCU 8BIT 1.5KB OTP 10QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606DK Description: KIT DEVELOPMENT FOR C8051T606	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606TDB Description: CARD DAUGHTER MSOP SOCKET	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606-GTR Description: IC MCU 8BIT 1.5KB OTP 10MSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606-GMR Description: IC MCU 8BIT 1.5KB OTP 11QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T610DB32 Description: DAUGHT BOARD T610 32TQFP SOCKET	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051T606-GT Description: IC MCU 8BIT 1.5KB OTP 10MSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ

Related keywords for C8051T610-GQ

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