

C8051F587-IQR



SILICON LABS



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Part Number: C8051F587-IQR

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 96KB FLASH 32LQFP

Data sheet:  C8051F58x/F59x
 C8051F58x/59x Errata

RoHs Status: Lead free / RoHS Compliant

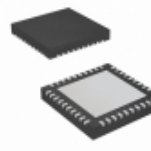
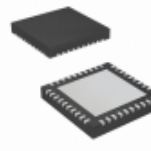
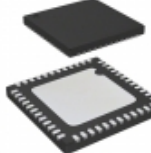
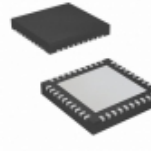
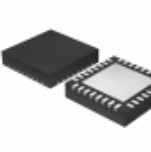
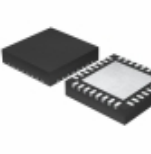
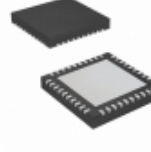
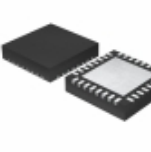
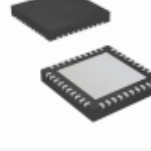
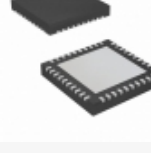
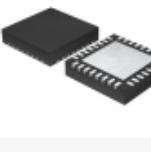
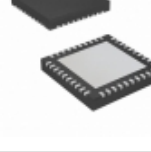
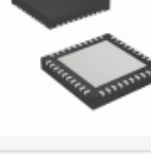
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F587-IQR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 96KB FLASH 32LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14004 pcs	Data sheet	C8051F58x/F59x C8051F58x/59x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.25 V
Supplier Device Package	32-LQFP (7x7)	Speed	50MHz
Series	C8051F58x	RAM Size	8.25K x 8
Program Memory Type	FLASH	Program Memory Size	96KB (96K x 8)
Peripherals	POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	32-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	25
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	8051 C8051F58x Microcontroller IC 8-Bit 50MHz 96KB (96K x 8) FLASH 32-LQFP (7x7)	Data Converters	A/D 25x12b
Core Size	8-Bit	Core Processor	8051
Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART		
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	Part#: C8051F590-IMR Description: IC MCU 8BIT 96KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F586-IMR Description: IC MCU 8BIT 96KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F588-IMR Description: IC MCU 8BIT 128KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F587-IM Description: IC MCU 8BIT 96KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F700-GQ Description: IC MCU 8BIT 15KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F585-IQR Description: IC MCU 8BIT 96KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F590-IM Description: IC MCU 8BIT 96KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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