

C8051F066-GQR



SILICON LABS



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Part Number: [C8051F066-GQR](#)

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

Description: IC MCU 8BIT 32KB FLASH 100TQFP

Data sheet:  [C8051F060-67](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F066-GQR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9373 pcs	Data sheet	C8051F060-67
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	25MHz
Series	C8051F06x	RAM Size	4.25K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	59
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051F06x Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH 100-TQFP (14x14)
Data Converters	A/D 2x16b	Core Size	8-Bit
Core Processor	8051	Connectivity	EBI/EMI, SMBus (2-Wire/I²C), SPI, UART/USART
Base Part Number	C8051F06		
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	Part#: C8051F066 Description: IC MCU 8BIT 32KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F065-GQR Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F065-GQ Description: IC MCU 8BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F067R Description: IC MCU 8BIT 32KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F120DK Description: DEVKIT-F120/21/22/23/24/25/26/27	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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