

C8051F066-GQ



SILICON LABS



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Part Number: [C8051F066-GQ](#)

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

Description: IC MCU 8BIT 32KB FLASH 100TQFP

Data sheet:  [C8051F060-67](#)

RoHs Status: Lead free / RoHS Compliant

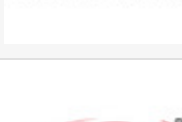
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PRODUCT PARAMETER			
Part Number	C8051F066-GQ	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9189 pcs	Data sheet	C8051F060-67
Category	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	Tray
Package / Case	100-TQFP	Other Names	336-1221
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/I ² C), SPI, UART/USART	Base Part Number	C8051F06
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