

C8051F965-A-GM



**SILICON LABS**

Part Number: [C8051F965-A-GM](#)

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

Description: IC MCU 8BIT 64KB FLASH 40QFN

Data sheet:  [C8051F96x Short](#)
 [C8051F96x](#)

RoHs Status: Lead free / RoHS Compliant

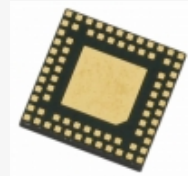
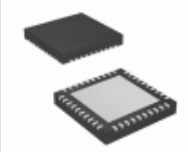
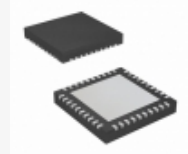
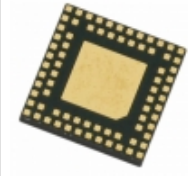
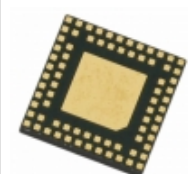
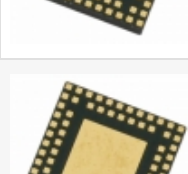
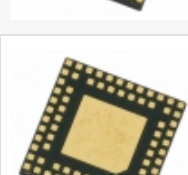
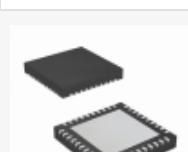
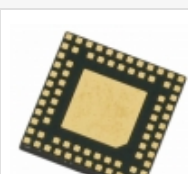
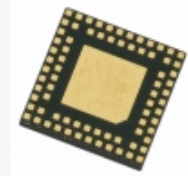
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PRODUCT PARAMETER			
Part Number	C8051F965-A-GM	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 64KB FLASH 40QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19479 pcs	Data sheet	C8051F96x Short C8051F96x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.8 V
Supplier Device Package	40-QFN (6x6)	Speed	25MHz
Series	C8051F9xx	RAM Size	8.25K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	40-VFQFN Exposed Pad	Other Names	336-2243 C8051F965AGM
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	34	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 40-QFN (6x6)	Data Converters	A/D 16x10b/12b
Core Size	8-Bit	Core Processor	8051
Connectivity	I ² C, SPI, UART/USART	Base Part Number	C8051F96
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	Part#: C8051F966-A-QQR Description: IC MCU 8BIT 32KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F966-B-GMR Description: IC MCU 8BIT 32KB FLASH 76DQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F963-B-GMR Description: IC MCU 8BIT 128KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F965-B-GM Description: IC MCU 8BIT 64KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F966-A-GMR Description: IC MCU 8BIT 32KB FLASH 76DQFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F964-A-QQR Description: IC MCU 8BIT 64KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F964-A-GQ Description: IC MCU 8BIT 64KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F966-B-GQ Description: IC MCU 8BIT 32KB FLASH 80TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ

Related keywords for **C8051F965-A-GM**

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