

C8051F020



SILICON LABS



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Part Number: C8051F020

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 100TQFP

Data sheet:  C8051F020 - C8051F023

RoHS Status: Contains lead / RoHS non-compliant

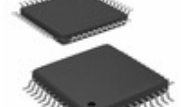
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PRODUCT PARAMETER			
Part Number	C8051F020	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 64KB FLASH 100TQFP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4282 pcs	Data sheet	C8051F020 - C8051F023
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	100-TQFP (14x14)	Speed	25MHz
Series	C8051F02x	RAM Size	4.25K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Packaging	Tray
Package / Case	100-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	64
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	-	Detailed Description	8051 C8051F02x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)
Data Converters	A/D 8x8b, 8x12b; D/A 2x12b	Core Size	8-Bit
Core Processor	8051	Connectivity	EBI/EMI, SMBus (2-Wire/I ² C), SPI, UART/USART
Base Part Number	C8051F02		
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	Part#: C8051F020DK-E Description: DEV KIT FOR F020/F021/F022/F023	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F020DK-H Description: DEV KIT FOR F020/F021/F022/F023	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F019R Description: IC MCU 8BIT 16KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F019-GQ Description: IC MCU 8BIT 16KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F018R Description: IC MCU 8BIT 16KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F017-GQR Description: IC MCU 8BIT 32KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F018-GQ Description: IC MCU 8BIT 16KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F020DK-B Description: DEV KIT FOR F020/F021/F022/F023	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F018-GQR Description: IC MCU 8BIT 16KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F020DK-A Description: DEV KIT FOR F020/F021/F022/F023	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F018 Description: IC MCU 8BIT 16KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F019-GQR Description: IC MCU 8BIT 16KB FLASH 48QFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F017R Description: IC MCU 8BIT 32KB FLASH 32LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F020DK-J Description: DEV KIT FOR F020/F021/F022/F023	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F020DK Description: DEV KIT FOR F020/F021/F022/F023	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F020-GQ Description: IC MCU 8BIT 64KB FLASH 100TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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