



Energy Micro (Silicon Labs)



C8051F020

Part Number:	C8051F020
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 100TQFP
Datasheets:	 C8051F020.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	5108 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F020

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	5108 pcs
DATA SHEET	 C8051F020.pdf
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/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F02

Related Tags

Energy Micro (Silicon Labs) C8051F020	C8051F020 Distributor	C8051F020 Supplier
C8051F020 Price	C8051F020 Pictures	C8051F020 Image
C8051F020 PDF Datasheet	C8051F020 Download Datasheet	C8051F020 Datasheet
C8051F020 Stock	Buy C8051F020	Buy Energy Micro (Silicon Labs) C8051F020
Energy Micro (Silicon Labs) C8051F020	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F020	Silicon Labs C8051F020	

Related Products

 C8051F020DK-B Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F020/F021/F022/F023 In stock: 4110 pcs RFQ	 C8051F019-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 10790 pcs RFQ
 C8051F019-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 10869 pcs RFQ	 C8051F020DK Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F020/F021/F022/F023 In stock: 1057 pcs RFQ
 C8051F020-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 6436 pcs RFQ	 C8051F019 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 6292 pcs RFQ
 C8051F020-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPING W/C8051F020 In stock: 1684 pcs RFQ	 C8051F018R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 64TQFP In stock: 3813 pcs RFQ
 C8051F020-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 5203 pcs RFQ	 C8051F018-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 64TQFP In stock: 11123 pcs RFQ
 C8051F019R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 6230 pcs RFQ	 C8051F020DK-A Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F020/F021/F022/F023 In stock: 4851 pcs RFQ