





Energy Micro (Silicon Labs)




C8051F020R

Part Number:	C8051F020R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 100TQFP
Datasheets:	 C8051F020R.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	5683 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION


Specifications of C8051F020R

PART NUMBER	C8051F020R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	5683 pcs
DATA SHEET	 C8051F020R.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	Tape & Reel (TR)
PACKAGE / CASE	100-TQFP
OTHER NAMES	336-1032-2
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 <sup>2</sup> C), SPI, UART/USART
BASE PART NUMBER	C8051F02

Related Tags

Energy Micro (Silicon Labs) C8051F020R	C8051F020R Distributor	C8051F020R Supplier
C8051F020R Price	C8051F020R Pictures	C8051F020R Image
C8051F020R PDF Datasheet	C8051F020R Download Datasheet	C8051F020R Datasheet
C8051F020R Stock	Buy C8051F020R	Buy Energy Micro (Silicon Labs) C8051F020R
Energy Micro (Silicon Labs) C8051F020R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F020R	Silicon Labs C8051F020R	

Related Products




**C8051F020DK-J**

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F020/F021/F022/F023

In stock: 6707 pcs

RFQ




**C8051F021R**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 64TQFP

In stock: 6729 pcs

RFQ




**C8051F021**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 64TQFP

In stock: 5453 pcs

RFQ




**C8051F022**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 100TQFP

In stock: 6444 pcs

RFQ




**C8051F022-GQ**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 100TQFP

In stock: 6372 pcs

RFQ




**C8051F020DK-E**

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F020/F021/F022/F023

In stock: 3909 pcs

RFQ




**C8051F021-GQ**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 64TQFP

In stock: 5733 pcs

RFQ




**C8051F020DK-K**

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F020/F021/F022/F023

In stock: 7005 pcs

RFQ




**C8051F020DK-U**

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F020/F021/F022/F023

In stock: 5054 pcs

RFQ




**C8051F020DK-H**

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F020/F021/F022/F023

In stock: 4855 pcs

RFQ




**C8051F021-GQR**

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 64TQFP

In stock: 5934 pcs

RFQ



**C8051F020DK-T**

Manufacturers: Energy Micro (Silicon Labs)

Description: DEV KIT FOR F020/F021/F022/F023

In stock: 4832 pcs

RFQ