C8051F020R Details PDF

linfinity-electronic



Energy Micro (Silicon Labs)

Image may be representation. See specifications for product details.

C8051F020R

Part Number:	C8051F020R	
Manufacturer/Brand:	Energy Micro (Silicon Labs)	
Product description	IC MCU 8BIT 64KB FLASH 100TQFP	
Datasheets:	EFF 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

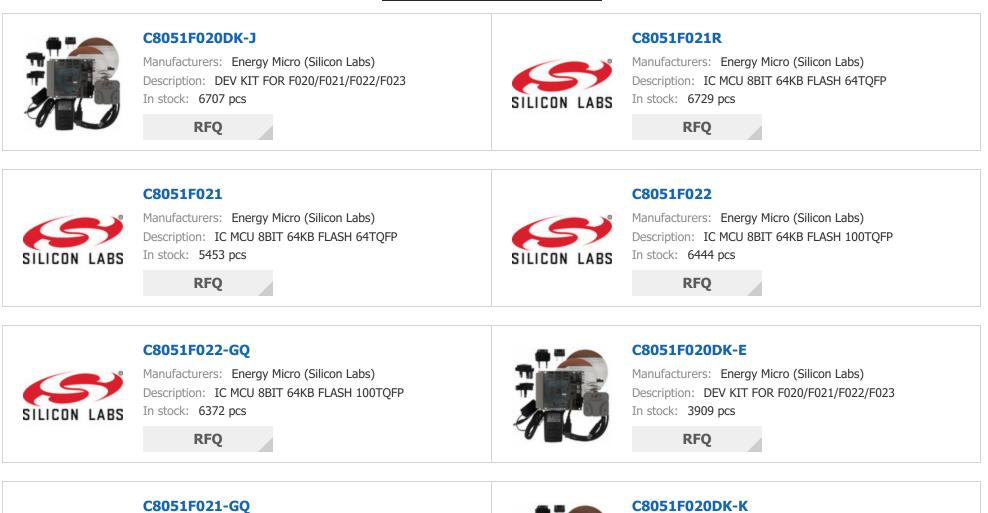
Specifications of C8051F020R

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	68051F020R.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 ² C), SPI, UART/USART
BASE PART NUMBER	C8051F02

Related Tags

Energy Micro (Silicon Labs) C8051F020R	C8051F020R Distributor	C8051F020R Supplier
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Silicon Laboratories C8051F020R	Silicon Labs C8051F020R	

Related Products





Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 5733 pcs





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





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

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E-mail: Info@infinity-electronic.com

Address: 17F, Gaylord Commercial Building, 114-118 Lockhart Road, Wan Chai, Hong Kong

