



SILICON LABS

Energy Micro (Silicon Labs)



C8051F120R

Part Number:	C8051F120R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 128KB FLASH 100TQFP
Datasheets:	 C8051F120R.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	6194 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F120R

PART NUMBER	C8051F120R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 128KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6194 pcs
DATA SHEET	 C8051F120R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	100MHz
SERIES	C8051F12x
RAM SIZE	8.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TQFP
OTHER NAMES	336-1079-2
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 C8051F12x Microcontroller IC 8-Bit 100MHz 128KB (128K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 8x8b, 8x10b; 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	C8051F12

Related Tags

Energy Micro (Silicon Labs) C8051F120R	C8051F120R Distributor	C8051F120R Supplier
C8051F120R Price	C8051F120R Pictures	C8051F120R Image
C8051F120R PDF Datasheet	C8051F120R Download Datasheet	C8051F120R Datasheet
C8051F120R Stock	Buy C8051F120R	Buy Energy Micro (Silicon Labs) C8051F120R
Energy Micro (Silicon Labs) C8051F120R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F120R	Silicon Labs C8051F120R	

Related Products



SILICON LABS

C8051F121

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 64TQFP

In stock: 3208 pcs

RFQ



C8051F120DK-U

Manufacturers: Energy Micro (Silicon Labs)

Description: DEVKIT-F120/21/22/23/24/25/26/27

In stock: 5376 pcs

RFQ



SILICON LABS

C8051F122-GQ

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 100TQFP

In stock: 5314 pcs

RFQ



SILICON LABS

C8051F120-GQR

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 100TQFP

In stock: 4663 pcs

RFQ



SILICON LABS

C8051F120

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 100TQFP

In stock: 4690 pcs

RFQ



SILICON LABS

C8051F122

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 100TQFP

In stock: 5071 pcs

RFQ



C8051F120-TB-K

Manufacturers: Energy Micro (Silicon Labs)

Description: BOARD PROTOTYPING W/C8051F120

In stock: 1834 pcs

RFQ



SILICON LABS

C8051F121R

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 64TQFP

In stock: 2956 pcs

RFQ



C8051F120DK

Manufacturers: Energy Micro (Silicon Labs)

Description: DEVKIT-F120/21/22/23/24/25/26/27

In stock: 1097 pcs

RFQ



SILICON LABS

C8051F121-GQR

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 64TQFP

In stock: 4905 pcs

RFQ



SILICON LABS

C8051F121-GQ

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 64TQFP

In stock: 4397 pcs

RFQ



SILICON LABS

C8051F120-GQ

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 128KB FLASH 100TQFP

In stock: 4517 pcs

RFQ