



SILICON LABS

Energy Micro (Silicon Labs)



C8051F120

Part Number:	C8051F120
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 128KB FLASH 100TQFP
Datasheets:	 C8051F120.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	4690 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F120

PART NUMBER	C8051F120
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 128KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	4690 pcs
DATA SHEET	 C8051F120.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	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 C8051F12x Microcontroller IC 8-Bit 100MHz 128KB (128K 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	C8051F12

Related Tags

Energy Micro (Silicon Labs) C8051F120	C8051F120 Distributor	C8051F120 Supplier
C8051F120 Price	C8051F120 Pictures	C8051F120 Image
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Related Products

 SILICON LABS C8051F120-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 4517 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 C8051F066R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 100TQFP In stock: 5606 pcs RFQ	 SILICON LABS C8051F067R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 3280 pcs RFQ
 SILICON LABS C8051F066-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 100TQFP In stock: 8544 pcs RFQ	 SILICON LABS C8051F067-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 8180 pcs RFQ
 C8051F120-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPING W/C8051F120 In stock: 1834 pcs RFQ	 SILICON LABS C8051F120-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 4663 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 C8051F067 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 5994 pcs RFQ
 SILICON LABS C8051F067-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 9435 pcs RFQ	 SILICON LABS C8051F120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 128KB FLASH 100TQFP In stock: 6194 pcs RFQ