



SILICON LABS

Energy Micro (Silicon Labs)



C8051F000

Part Number:	C8051F000
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 32KB FLASH 64TQFP
Datasheets:	 C8051F000.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	2845 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F000

PART NUMBER	C8051F000
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	2845 pcs
DATA SHEET	 C8051F000.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	20MHz
SERIES	C8051F00x
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	32
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F00x Microcontroller IC 8-Bit 20MHz 32KB (32K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F00

Related Tags

Energy Micro (Silicon Labs) C8051F000	C8051F000 Distributor	C8051F000 Supplier
C8051F000 Price	C8051F000 Pictures	C8051F000 Image
C8051F000 PDF Datasheet	C8051F000 Download Datasheet	C8051F000 Datasheet
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Energy Micro (Silicon Labs) C8051F000	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 SILICON LABS C8051F000-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 7847 pcs RFQ	 bulgin C803HA Manufacturers: Arcoelectric (Bulgin) Description: SPST NYLON LIT TOGGLE SWITCH In stock: 12231 pcs RFQ
 C8051F001-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 8358 pcs RFQ	 SILICON LABS C8051F000R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 4237 pcs RFQ
 General Cable CAROL BRAND C8031.41.86 Manufacturers: General Cable Description: CABLE COAXIAL RG6 18AWG 1000' In stock: 147 pcs RFQ	 SILICON LABS C8051F000-TB Manufacturers: Energy Micro (Silicon Labs) Description: BOARD PROTOTYPING W/C8051F000 In stock: 3700 pcs RFQ
 bulgin C803HB Manufacturers: Arcoelectric (Bulgin) Description: SPST NYLON LIT TOGGLE SWITCH In stock: 14093 pcs RFQ	 C805 Manufacturers: Chemtronics Description: HAND GUARD ESD LOTION 8 OZ PUMP In stock: 7618 pcs RFQ
 bulgin C803HG Manufacturers: Arcoelectric (Bulgin) Description: SPST NYLON LIT TOGGLE SWITCH In stock: 11532 pcs RFQ	 SILICON LABS C8051F000-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: 7560 pcs RFQ
 C8051F001 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 5348 pcs RFQ	 bulgin C803HR Manufacturers: Arcoelectric (Bulgin) Description: SPST NYLON LIT TOGGLE SWITCH In stock: 11108 pcs RFQ