



Energy Micro (Silicon Labs)



C8051F018-GQ

Part Number:	C8051F018-GQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 16KB FLASH 64TQFP
Datasheets:	 C8051F018-GQ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10607 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of C8051F018-GQ

PART NUMBER	C8051F018-GQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10607 pcs
DATA SHEET	 C8051F018-GQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	25MHz
SERIES	C8051F018
RAM SIZE	1.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-1197 C8051F018GQ
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	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F018 Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F01

Related Tags

Energy Micro (Silicon Labs) C8051F018-GQ	C8051F018-GQ Distributor	C8051F018-GQ Supplier
C8051F018-GQ Price	C8051F018-GQ Pictures	C8051F018-GQ Image
C8051F018-GQ PDF Datasheet	C8051F018-GQ Download Datasheet	C8051F018-GQ Datasheet
C8051F018-GQ Stock	Buy C8051F018-GQ	Buy Energy Micro (Silicon Labs) C8051F018-GQ
Energy Micro (Silicon Labs) C8051F018-GQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F018-GQ	Silicon Labs C8051F018-GQ	

Related Products

 C8051F017-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 9108 pcs RFQ	 C8051F018 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 64TQFP In stock: 6325 pcs RFQ
 C8051F019-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 10790 pcs RFQ	 C8051F019R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 6230 pcs RFQ
 C8051F017 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 5438 pcs RFQ	 C8051F017R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 6048 pcs RFQ
 C8051F017-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 8603 pcs RFQ	 C8051F018-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 64TQFP In stock: 11123 pcs RFQ
 C8051F016R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFP In stock: 4489 pcs RFQ	 C8051F019-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 10869 pcs RFQ
 C8051F018R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 64TQFP In stock: 3813 pcs RFQ	 C8051F019 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFP In stock: 6292 pcs RFQ