



SILICON LABS

Energy Micro (Silicon Labs)



C8051F042-GQ

Part Number:	C8051F042-GQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 100TQFP
Datasheets:	 C8051F042-GQ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9272 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F042-GQ

PART NUMBER	C8051F042-GQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9272 pcs
DATA SHEET	 C8051F042-GQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	25MHz
SERIES	C8051F04x
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	Tray
PACKAGE / CASE	100-TQFP
OTHER NAMES	336-1207 C8051F042GQ
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	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F04x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 8x8b, 13x10b; D/A 2x10b, 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	CANbus, EBI/EMI, SMBus (2-Wire/I ² C), SPI, UART/USART
BASE PART NUMBER	C8051F04

Related Tags

Energy Micro (Silicon Labs) C8051F042-GQ	C8051F042-GQ Distributor	C8051F042-GQ Supplier
C8051F042-GQ Price	C8051F042-GQ Pictures	C8051F042-GQ Image
C8051F042-GQ PDF Datasheet	C8051F042-GQ Download Datasheet	C8051F042-GQ Datasheet
C8051F042-GQ Stock	Buy C8051F042-GQ	Buy Energy Micro (Silicon Labs) C8051F042-GQ
Energy Micro (Silicon Labs) C8051F042-GQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F042-GQ	Energy Micro C8051F042-GQ	Energy Micro (Silicon Labs) C8051F042-GQ
Silicon Laboratories C8051F042-GQ	Silicon Labs C8051F042-GQ	

Related Products

 SILICON LABS C8051F043 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 4144 pcs RFQ	 SILICON LABS C8051F043-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 10229 pcs RFQ
 SILICON LABS C8051F041R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 3992 pcs RFQ	 SILICON LABS C8051F042-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 7968 pcs RFQ
 SILICON LABS C8051F041-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 8550 pcs RFQ	 SILICON LABS C8051F043R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 5788 pcs RFQ
 SILICON LABS C8051F042R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 7054 pcs RFQ	 SILICON LABS C8051F040R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 3846 pcs RFQ
 SILICON LABS C8051F041 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 6814 pcs RFQ	 SILICON LABS C8051F041-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 8594 pcs RFQ
 SILICON LABS C8051F042 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 6221 pcs RFQ	 SILICON LABS C8051F043-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 10799 pcs RFQ