



C8051F506-IQ

Part Number:	C8051F506-IQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 32KB FLASH 32LQFP
Datasheets:	PDF 1.C8051F506-IQ.pdf PDF 2.C8051F506-IQ.pdf
RoHs Status	✓ Lead free / RoHS Compliant
Stock Condition	16289 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

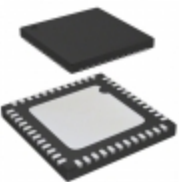
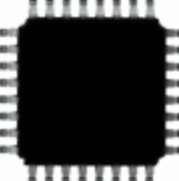
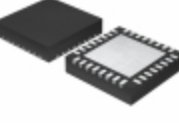
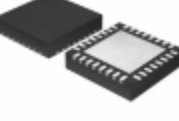
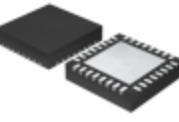
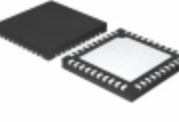
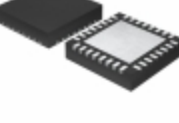
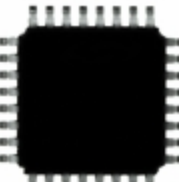
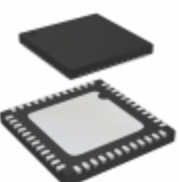
Specifications of C8051F506-IQ

PART NUMBER	C8051F506-IQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 32LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16289 pcs
DATA SHEET	PDF 1.C8051F506-IQ.pdf PDF 2.C8051F506-IQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	32-LQFP (7x7)
SPEED	50MHz
SERIES	C8051F50x
RAM SIZE	4.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	POR, PWM, Temp Sensor, WDT
PACKAGING	Tray
PACKAGE / CASE	32-LQFP
OTHER NAMES	336-1522 C8051F506IQ
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F50x Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 32-LQFP (7x7)
DATA CONVERTERS	A/D 25x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), CANbus, LINbus, SPI, UART/USART
BASE PART NUMBER	C8051F50

Related Tags

Energy Micro (Silicon Labs) C8051F506-IQ	C8051F506-IQ Distributor	C8051F506-IQ Supplier
C8051F506-IQ Price	C8051F506-IQ Pictures	C8051F506-IQ Image
C8051F506-IQ PDF Datasheet	C8051F506-IQ Download Datasheet	C8051F506-IQ Datasheet
C8051F506-IQ Stock	Buy C8051F506-IQ	Buy Energy Micro (Silicon Labs) C8051F506-IQ
Energy Micro (Silicon Labs) C8051F506-IQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F506-IQ	Energy Micro C8051F506-IQ	Energy Micro (Silicon Labs) C8051F506-IQ
Silicon Laboratories C8051F506-IQ	Silicon Labs C8051F506-IQ	

Related Products

 C8051F505-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFN In stock: 20591 pcs RFQ	 C8051F505-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48TQFP In stock: 19670 pcs RFQ
 C8051F507-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 14418 pcs RFQ	 C8051F506-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: 17823 pcs RFQ
 C8051F506-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFN In stock: 13524 pcs RFQ	 C8051F507-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: 18191 pcs RFQ
 C8051F505-IQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48TQFP In stock: 16390 pcs RFQ	 C8051F506-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: 19545 pcs RFQ
 C8051F508-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 40QFN In stock: 11502 pcs RFQ	 C8051F507-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: 21011 pcs RFQ
 C8051F507-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32LQFP In stock: 20832 pcs RFQ	 C8051F505-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFN In stock: 15984 pcs RFQ