

SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

Part Number:	C8051F531A-IT
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 8KB FLASH 20TSSOP
	 1.C8051F531A-IT.pdf
	 2.C8051F531A-IT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	35273 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F531A-IT

PART NUMBER	C8051F531A-IT
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 8KB FLASH 20TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	35273 pcs
DATA SHEET	 1.C8051F531A-IT.pdf  2.C8051F531A-IT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	20-TSSOP
SPEED	25MHz
SERIES	C8051F53x
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	20-TSSOP (0.173", 4.40mm Width)
OTHER NAMES	336-1496-5 C8051F531AIT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F53x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 20-TSSOP
DATA CONVERTERS	A/D 16x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SPI, UART/USART
BASE PART NUMBER	C8051F53

Related Tags

Energy Micro (Silicon Labs) C8051F531A-IT	C8051F531A-IT Distributor	C8051F531A-IT Supplier
C8051F531A-IT Price	C8051F531A-IT Pictures	C8051F531A-IT Image
C8051F531A-IT PDF Datasheet	C8051F531A-IT Download Datasheet	C8051F531A-IT Datasheet
C8051F531A-IT Stock	Buy C8051F531A-IT	Buy Energy Micro (Silicon Labs) C8051F531A-IT
Energy Micro (Silicon Labs) C8051F531A-IT	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F531A-IT	Energy Micro C8051F531A-IT	Energy Micro (Silicon Labs) C8051F531A-IT
Silicon Laboratories C8051F531A-IT	Silicon Labs C8051F531A-IT	

Related Products

 C8051F531A-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 50608 pcs RFQ	 C8051F533-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 52072 pcs RFQ
 C8051F531-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 3516 pcs RFQ	 C8051F531A-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 48131 pcs RFQ
 C8051F533-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 37010 pcs RFQ	 C8051F531-C-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 29777 pcs RFQ
 C8051F533-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 3639 pcs RFQ	 C8051F533-C-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 31313 pcs RFQ
 C8051F531-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 4725 pcs RFQ	 C8051F531A-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 43433 pcs RFQ
 C8051F533-C-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 40961 pcs RFQ	 C8051F531-C-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 24587 pcs RFQ