



Energy Micro (Silicon Labs)

C8051F531A-IM

Part Number:	C8051F531A-IM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 8KB FLASH 20QFN
Datasheets:	1.C8051F531A-IM.pdf 2.C8051F531A-IM.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	43433 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 C8051F531A-IM

PART NUMBER	C8051F531A-IM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 8KB FLASH 20QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	43433 pcs
DATA SHEET	1.C8051F531A-IM.pdf 2.C8051F531A-IM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	20-QFN (4x4)
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-VFQFN Exposed Pad
OTHER NAMES	336-1495-5 C8051F531AIM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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-QFN (4x4)
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-IM	C8051F531A-IM Distributor	C8051F531A-IM Supplier
C8051F531A-IM Price	C8051F531A-IM Pictures	C8051F531A-IM Image
C8051F531A-IM PDF Datasheet	C8051F531A-IM Download Datasheet	C8051F531A-IM Datasheet
C8051F531A-IM Stock	Buy C8051F531A-IM	Buy Energy Micro (Silicon Labs) C8051F531A-IM
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Silicon Laboratories C8051F531A-IM	Silicon Labs C8051F531A-IM	

Related Products

<p>C8051F531-C-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 29777 pcs RFQ</p>	<p>C8051F531A-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 48171 pcs RFQ</p>
<p>C8051F533-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 37010 pcs RFQ</p>	<p>C8051F531-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 37587 pcs RFQ</p>
<p>C8051F533-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20QFN In stock: 52072 pcs RFQ</p>	<p>C8051F531-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 40270 pcs RFQ</p>
<p>C8051F531A-ITR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 50608 pcs RFQ</p>	<p>C8051F533-C-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 20TSSOP In stock: 31313 pcs RFQ</p>
<p>C8051F531-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 3516 pcs RFQ</p>	<p>C8051F531-IM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 4725 pcs RFQ</p>
<p>C8051F531-C-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 24587 pcs RFQ</p>	<p>C8051F531A-IT Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20TSSOP In stock: 35273 pcs RFQ</p>