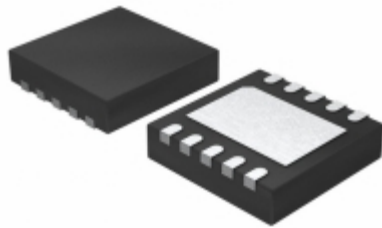


C8051F521A-IM



**SILICON LABS**

Part Number: [C8051F521A-IM](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 8BIT 8KB FLASH 10DFN

Data sheet:  [C8051F52x/F53x](#)
 [C8051F52x\(A\)-53x\(A\) Errata](#)

RoHs Status: Lead free / RoHS Compliant

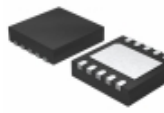
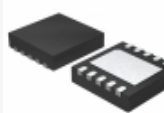
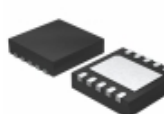
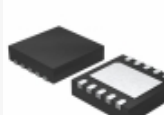
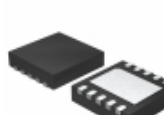
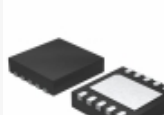
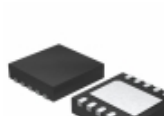
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	C8051F521A-IM	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 10DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	52581 pcs	Data sheet	C8051F52x/F53x C8051F52x(A)-53x(A) Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.25 V
Supplier Device Package	10-DFN (3x3)	Speed	25MHz
Series	C8051F52x	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	10-VDFN Exposed Pad	Other Names	336-1490-5 C8051F521AIM
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	6	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051F52x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 10-DFN (3x3)
Data Converters	A/D 6x12b	Core Size	8-Bit
Core Processor	8051	Connectivity	SPI, UART/USART
Base Part Number	C8051F52		
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	Part#: C8051F524A-IM Description: IC MCU 8BIT 4KB FLASH 10DFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F523-IM Description: IC MCU 8BIT 4KB FLASH 10DFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F524-C-IMR Description: IC MCU 8BIT 4KB FLASH 10DFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F524-IM Description: IC MCU 8BIT 4KB FLASH 10DFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F523-C-IM Description: IC MCU 8BIT 4KB FLASH 10DFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F524-C-IM Description: IC MCU 8BIT 4KB FLASH 10DFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F511-IM Description: IC MCU 8BIT 32KB FLASH 40QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F523A-IMR Description: IC MCU 8BIT 4KB FLASH 10DFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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