




Energy Micro (Silicon Labs)

## C8051F537A-ITR

Part Number:	C8051F537A-ITR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 2KB FLASH 20TSSOP
Datasheets:	<a href="#">1.C8051F537A-ITR.pdf</a> <a href="#">2.C8051F537A-ITR.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


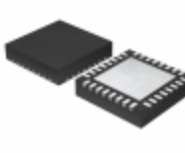
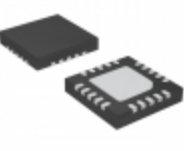

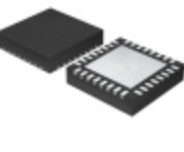

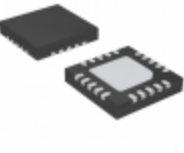




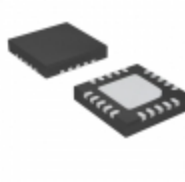
### Specifications of C8051F537A-ITR

PART NUMBER	C8051F537A-ITR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 2KB FLASH 20TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.C8051F537A-ITR.pdf</a> <a href="#">2.C8051F537A-ITR.pdf</a>
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	2KB (2K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	20-TSSOP (0.173", 4.40mm Width)
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 2KB (2K x 8) FLASH 20-TSSOP
DATA CONVERTERS	A/D 16x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SPI, UART/USART

### Related Tags

Energy Micro (Silicon Labs) C8051F537A-ITR	C8051F537A-ITR Distributor	C8051F537A-ITR Supplier
C8051F537A-ITR Price	C8051F537A-ITR Pictures	C8051F537A-ITR Image
C8051F537A-ITR PDF Datasheet	C8051F537A-ITR Download Datasheet	C8051F537A-ITR Datasheet
C8051F537A-ITR Stock	Buy C8051F537A-ITR	Buy Energy Micro (Silicon Labs) C8051F537A-ITR
Energy Micro (Silicon Labs) C8051F537A-ITR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F537A-ITR	Energy Micro C8051F537A-ITR	Energy Micro (Silicon Labs) C8051F537A-ITR
Silicon Laboratories C8051F537A-ITR	Silicon Labs C8051F537A-ITR	

### Related Products

 <p><b>C8051F540-IQ</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 32LQFP                  In stock: 250 pcs  <a href="#">RFQ</a></p>	 <p><b>C8051F540-IMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 32QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>C8051F537-IM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>C8051F537-IT</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20TSSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>C8051F540-IM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 32QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>C8051F540-TB</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: BOARD PROTOTYPE W/C8051F540                  In stock: 1 pcs  <a href="#">RFQ</a></p>
 <p><b>C8051F537A-IM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>C8051F537-C-ITR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20TSSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>C8051F540DK</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: KIT DEVELOPMENT FOR C8051F540                  In stock: 1 pcs  <a href="#">RFQ</a></p>	 <p><b>C8051F537A-IT</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20TSSOP                  In stock: 34 pcs  <a href="#">RFQ</a></p>
 <p><b>C8051F540-IQR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 32LQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>C8051F537A-IMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20QFN                  In stock: Out stock  <a href="#">RFQ</a></p>