



Micrel / Microchip Technology

## DSPIC33FJ64MC510AT-I/PT

Part Number:	DSPIC33FJ64MC510AT-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 64KB FLASH 100TQFP
Datasheets:	<a href="#">1.DSPIC33FJ64MC510AT-I/PT.pdf</a> <a href="#">2.DSPIC33FJ64MC510AT-I/PT.pdf</a> <a href="#">3.DSPIC33FJ64MC510AT-I/PT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	16364 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 DSPIC33FJ64MC510AT-I/PT

PART NUMBER	DSPIC33FJ64MC510AT-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16364 pcs
DATA SHEET	<a href="#">1.DSPIC33FJ64MC510AT-I/PT.pdf</a> <a href="#">2.DSPIC33FJ64MC510AT-I/PT.pdf</a> <a href="#">3.DSPIC33FJ64MC510AT-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (12x12)
SPEED	40 MIPS
SERIES	dsPIC™ 33F
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	85
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPS 64KB (64K x 8) FLASH 100-TQFP (12x12)
DATA CONVERTERS	A/D 24x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33FJ64MC510A

### Related Tags

Micrel / Microchip Technology DSPIC33FJ64MC510AT-I/PT	DSPIC33FJ64MC510AT-I/PT Distributor	DSPIC33FJ64MC510AT-I/PT Supplier
DSPIC33FJ64MC510AT-I/PT Price	DSPIC33FJ64MC510AT-I/PT Pictures	DSPIC33FJ64MC510AT-I/PT Image
DSPIC33FJ64MC510AT-I/PT PDF Datasheet	DSPIC33FJ64MC510AT-I/PT Download Datasheet	DSPIC33FJ64MC510AT-I/PT Datasheet
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### Related Products

<p><b>DSPIC33FJ64MC510A-E/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 16600 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64MC510A-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 14724 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ64MC706A-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 64TQFP                  In stock: 18864 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64MC706A-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 64QFN                  In stock: 21390 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ64MC510-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 18749 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64MC510T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 6800 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ64MC706A-E/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 64QFN                  In stock: 18286 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64MC510A-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 17697 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ64MC510T-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 6269 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64MC510AT-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 4945 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ64MC706-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 64TQFP                  In stock: 16613 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ64MC510A-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 17330 pcs  <a href="#">RFQ</a></p>