



Micrel / Microchip Technology

## DSPIC33FJ16GS504-I/PT

Part Number:	DSPIC33FJ16GS504-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 16KB FLASH 44TQFP <a href="#">1.DSPIC33FJ16GS504-I/PT.pdf</a> <a href="#">2.DSPIC33FJ16GS504-I/PT.pdf</a> <a href="#">3.DSPIC33FJ16GS504-I/PT.pdf</a> <a href="#">4.DSPIC33FJ16GS504-I/PT.pdf</a>
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
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 DSPIC33FJ16GS504-I/PT

PART NUMBER	DSPIC33FJ16GS504-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 16KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.DSPIC33FJ16GS504-I/PT.pdf</a> <a href="#">2.DSPIC33FJ16GS504-I/PT.pdf</a> <a href="#">3.DSPIC33FJ16GS504-I/PT.pdf</a> <a href="#">4.DSPIC33FJ16GS504-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	40 MIPS
SERIES	dsPIC™ 33F
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	44-TQFP
OTHER NAMES	DSPIC33FJ16GS504IPT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	35
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPS 16KB (16K x 8) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 24x10b, D/A 4x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33FJ16GS504

### Related Tags

<a href="#">Micrel / Microchip Technology DSPIC33FJ16GS504-I/PT</a>	<a href="#">DSPIC33FJ16GS504-I/PT Distributor</a>	<a href="#">DSPIC33FJ16GS504-I/PT Supplier</a>
<a href="#">DSPIC33FJ16GS504-I/PT Price</a>	<a href="#">DSPIC33FJ16GS504-I/PT Pictures</a>	<a href="#">DSPIC33FJ16GS504-I/PT Image</a>
<a href="#">DSPIC33FJ16GS504-I/PT PDF Datasheet</a>	<a href="#">DSPIC33FJ16GS504-I/PT Download Datasheet</a>	<a href="#">DSPIC33FJ16GS504-I/PT Datasheet</a>
<a href="#">DSPIC33FJ16GS504-I/PT Stock</a>	<a href="#">Buy DSPIC33FJ16GS504-I/PT</a>	<a href="#">Buy Micrel / Microchip Technology DSPIC33FJ16GS504-I/PT</a>
<a href="#">Micrel / Microchip Technology DSPIC33FJ16GS504-I/PT</a>	<a href="#">Micrel / Microchip Technology Supplier</a>	<a href="#">Micrel / Microchip Technology Distributor</a>
<a href="#">Micrel / Microchip Technology DSPIC33FJ16GS504-I/PT</a>	<a href="#">Microchip Technology DSPIC33FJ16GS504-I/PT</a>	<a href="#">Roving Networks / Microchip Technology DSPIC33FJ16GS504-I/PT</a>

### Related Products

 <b>DSPIC33FJ16GS504-E/TL</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44VTLA In stock: Out stock <a href="#">RFQ</a>	 <b>DSPIC33FJ16GS504T-50I/TL</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44VTLA In stock: Out stock <a href="#">RFQ</a>
 <b>DSPIC33FJ16GS504T-E/TL</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44VTLA In stock: Out stock <a href="#">RFQ</a>	 <b>DSPIC33FJ16GS504T-50I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44QFN In stock: Out stock <a href="#">RFQ</a>
 <b>DSPIC33FJ16GS504-I/TL</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44VTLA In stock: 60 pcs <a href="#">RFQ</a>	 <b>DSPIC33FJ16GS504-H/TL</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44VTLA In stock: Out stock <a href="#">RFQ</a>
 <b>DSPIC33FJ16GS504-E/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44TQFP In stock: 157 pcs <a href="#">RFQ</a>	 <b>DSPIC33FJ16GS504T-50I/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44TQFP In stock: Out stock <a href="#">RFQ</a>
 <b>DSPIC33FJ16GS504T-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44QFN In stock: Out stock <a href="#">RFQ</a>	 <b>DSPIC33FJ16GS504-H/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44TQFP In stock: Out stock <a href="#">RFQ</a>
 <b>DSPIC33FJ16GS504-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44QFN In stock: 30 pcs <a href="#">RFQ</a>	 <b>DSPIC33FJ16GS504-H/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44QFN In stock: Out stock <a href="#">RFQ</a>