

DSPIC33FJ16GS504-50I/ML





Part Number: [DSPIC33FJ16GS504-50I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 44QFN

Data sheet:  [dsPIC33FJ\(0,1\)6GSx01,x02, x04 Family Errata & Data](#)
 [dsPIC33FJx6GS101,x02,x04 Errata & Datasheet](#)
 [OAbit Embedded Control Solutions](#)
 [dsPIC33FJ06GS101/X02, dsPIC33FJ16GSX02/X04](#)

RoHs Status: Lead free / RoHS Compliant

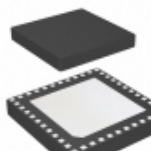
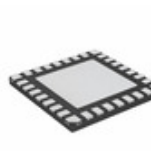
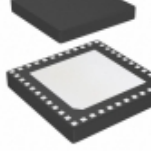
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PRODUCT PARAMETER			
Part Number	DSPIC33FJ16GS504-50I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20435 pcs	Data sheet	dsPIC33FJ(0,1)6GSx01,x02, x04 Family Errata & Data dsPIC33FJx6GS101,x02,x04 Errata & Datasheet Clarif 16-bit Embedded Control Solutions dsPIC33FJ06GS101/X02, dsPIC33FJ16GSX02/X04
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	44-QFN (8x8)	Speed	50 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	Tube
Package / Case	44-VQFN Exposed Pad	Other Names	DSPIC33FJ16GS50450IML
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	35	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 50 MIPs 16KB (16K x 8) FLASH 44-QFN (8x8)
Data Converters	A/D 24x10b, D/A 4x10b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	PC, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33FJ16GS504		
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RELATED PRODUCTS			
	Part#: DSPIC33FJ16GS504-I/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS504-H/TL Description: IC MCU 16BIT 16KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502T-E/MX Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS504-50I/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS504-E/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ16GS504-E/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-I/SP Description: IC MCU 16BIT 16KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS504-H/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-I/MM Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ16GS502T-50I/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS504-E/TL Description: IC MCU 16BIT 16KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502T-50I/MM Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502T-I/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for **DSPIC33FJ16GS504-50I/ML**

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