

DSPIC33FJ16GS502-H/SO





Part Number: DSPIC33FJ16GS502-H/SO

Manufacturer: Micrel / Microchip Technology

Description: IC MCU 16BIT 16KB FLASH 28SOIC

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

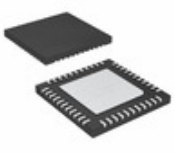
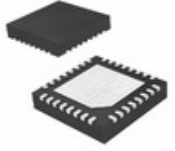
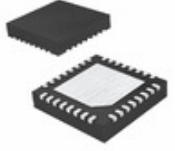
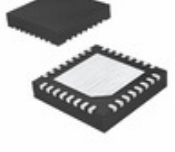
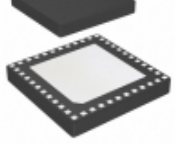
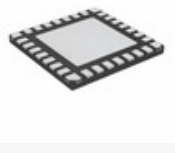
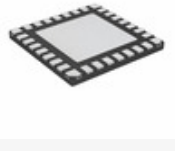
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33FJ16GS502-H/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18136 pcs	Data sheet	dsPIC33FJ(0,1)6GSx01,x02, x04 Family Errata & Data dsPIC33FJx6GS101,x02,x04 Errata & Datasheet OAbit Embedded Control Solutions dsPIC33FJ06GS101/X02, dsPIC33FJ16GSX02/X04
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	28-SOIC	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	Tube
Package / Case	28-SOIC (0.295", 7.50mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 150°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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 28-SOIC	Data Converters	A/D 16x10b, D/A 4x10b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	IC, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33FJ16GS502
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RELATED PRODUCTS			
	Part#: DSPIC33FJ16GS504-50I/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-H/MM Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502T-50I/MM Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-50I/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502T-I/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-I/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS404T-I/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-E/SP Description: IC MCU 16BIT 16KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-50I/MM Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-E/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-H/SP Description: IC MCU 16BIT 16KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-I/SP Description: IC MCU 16BIT 16KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS404T-I/TL Description: IC MCU 16BIT 16KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ16GS502-50I/SP Description: IC MCU 16BIT 16KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33FJ16GS502-E/MX Description: IC MCU 16BIT 16KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33FJ16GS502-E/MM Description: IC MCU 16BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ

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