

DSPIC33FJ06GS101-E/SO



Part Number: [DSPIC33FJ06GS101-E/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 6KB FLASH 18SOIC

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

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	DSPIC33FJ06GS101-E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 6KB FLASH 18SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	36393 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	18-SOIC	Speed	40 MIPs
Series	dsPIC™ 33F	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	6KB (6K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	18-SOIC (0.295", 7.50mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	13
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 6KB (6K x 8) FLASH 18-SOIC	Data Converters	A/D 6x10b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33FJ06GS101
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