



Micrel / Microchip Technology

## DSPIC33FJ16MC102-E/SS

Part Number:	DSPIC33FJ16MC102-E/SS
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 16KB FLASH 28SSOP <a href="#">PDF</a> 1.DSPIC33FJ16MC102-E/SS.pdf <a href="#">PDF</a> 2.DSPIC33FJ16MC102-E/SS.pdf <a href="#">PDF</a> 3.DSPIC33FJ16MC102-E/SS.pdf <a href="#">PDF</a> 4.DSPIC33FJ16MC102-E/SS.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of DSPIC33FJ16MC102-E/SS

PART NUMBER	DSPIC33FJ16MC102-E/SS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 16KB FLASH 28SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.DSPIC33FJ16MC102-E/SS.pdf <a href="#">PDF</a> 2.DSPIC33FJ16MC102-E/SS.pdf <a href="#">PDF</a> 3.DSPIC33FJ16MC102-E/SS.pdf <a href="#">PDF</a> 4.DSPIC33FJ16MC102-E/SS.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	28-SSOP
SPEED	16 MIPS
SERIES	dsPIC™ 33F
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-SSOP (0.209", 5.30mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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 16 MIPS 16KB (16K x 8) FLASH 28-SSOP
DATA CONVERTERS	A/D 6x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33FJ16MC102

### Related Tags

Micrel / Microchip Technology DSPIC33FJ16MC102-E/SS	DSPIC33FJ16MC102-E/SS Distributor	DSPIC33FJ16MC102-E/SS Supplier
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<p><b>DSPIC33FJ16MC102-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 28QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ16MC102-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 28QFN                  In stock: 73 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ16MC102T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ16MC101T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ16MC102-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ16MC101T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 20SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ16MC102-I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 28SDIP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ16MC102-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33FJ16MC102-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 28SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33FJ16MC101-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 20SSOP                  In stock: 342 pcs  <a href="#">RFQ</a></p>

