



DSPIC33EP512MC202-I/SO

Manufacturer Part Number: [DSPIC33EP512MC202-I/SO](#)

Manufacturer/Brand: [Micrel / Microchip Technology](#)

Part of Description: IC MCU 16BIT 512KB FLASH 28SOIC

Datasheets:

- [1.DSPIC33EP512MC202-I/SO.pdf](#)
- [2.DSPIC33EP512MC202-I/SO.pdf](#)
- [3.DSPIC33EP512MC202-I/SO.pdf](#)

RoHs Status: Lead free / RoHS

Stock Condition: New original, Stock Available.

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

Image may be representation.
See specs for product details.

Specifications

Part Number	DSPIC33EP512MC202-I/SO
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 28SOIC
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	dsPIC™ 33EP
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package	28-SOIC
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM,
Core Processor	dsPIC
Speed	70 MIPS
Number of I/O	21
EEPROM Size	-
RAM Size	24K x 16
Core Size	16-Bit
Connectivity	I ² C, IrDA, LIN, QEI, SPI, UART/USART
Program Memory Size	512KB (170K x 24)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 6x10b/12b
Oscillator Type	Internal
Packaging	Tube

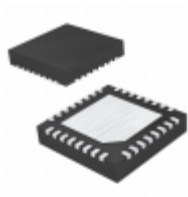
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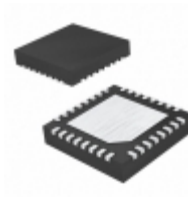
In:



DSPIC33EP512MC202-E/SP
Micrel / Microchip Technology
IC MCU 16BIT 512KB FLASH
28SDIP



DSPIC33EP512MC202-H/MM
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IC MCU 16BIT 512KB FLASH
28QFN



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| ADG3248BKSZ | AH284-WL | AOZ8045DI | APT2*61S20J | AT49BV002AT-70VI |
| BKO-C1909-H6I | BSM25GD120DLC | CD74AC534M | CDRH3D23HPNP-150MC-BN | CGA2B3X8R1H682K050BB |
| CL05C040BB5NUNC | FAN7601N | FD1200R17HP4-K_B2 | GQM1885C2A4R3BB01D | GRM0336S1E200JD01D |
| IGD616N(I)T1 | ISL6526ACB | LB1938FA-AH | LD025A150FAB2A | LD08CA332KAB1A |
| LD14WC103KAB1A | LM2833ZSD/NOPB | LQH43MN470K01L | MAX2641UT | MAX4052ESE |
| MAX6370KA+T | MBR1535CT | MC14LC5436P | MIC2211-MSBML | NC7SZ08L6X |
| OPA4340UA/2K5G4 | RT9025-12GSP | S29GL064A90TFIR30 | SI1031X-T1-E3 | SKN400/18 |
| SMAJ16AHE3/61 | SMCJ30AHE3/57T | ST7FLITE29F2M6 | STBP120CVDK6F | SUB75N06-07L |
| TMM-101-03-F-S | TMMBAT42FICM | TPS2812P | U4223B-CFSG3 | UJA1078ATW/5V0/WD/1 |
| UPD703232GK | VE-J62-CX | VLCF4020T-2R2N1R7 | VND5004ASP30TR-E | W2820VC450 |

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