



## DSPIC33EP32GP502-E/SO

**Manufacturer Part Number:** DSPIC33EP32GP502-E/SO

**Manufacturer/Brand:** Micrel / Microchip Technology

**Part of Description:** IC MCU 16BIT 32KB FLASH 28SOIC

**Datasheets:**

- 1.DSPIC33EP32GP502-E/SO.pdf
- 2.DSPIC33EP32GP502-E/SO.pdf
- 3.DSPIC33EP32GP502-E/SO.pdf

**RoHS Status:** Lead free / RoHS

**Stock Condition:** New original, Stock Available.

**Ship From:** Hong Kong

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

Image may be representation.  
See specs for product details.

### Specifications

Part Number	DSPIC33EP32GP502-E/SO
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 32KB FLASH 28SOIC
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	dsPIC™ 33EP
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package	28-SOIC
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Core Processor	dsPIC
Speed	60 MIPS
Number of I/O	21
EEPROM Size	-
RAM Size	2K x 16
Core Size	16-Bit
Connectivity	CAN, I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART
Program Memory Size	32KB (10.7K 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

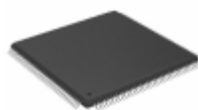
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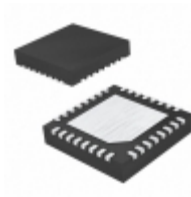
In:



**DSPIC33EP256MU814T-I/PL**  
Micrel / Microchip Technology  
IC MCU 16BIT 256KB FLASH  
144LQFP



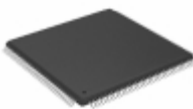
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**DSPIC33EP32GP502-H/MM**  
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**DSPIC33EP32GP502-H/SP**  
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IC MCU 16BIT 32KB FLASH  
28SDIP



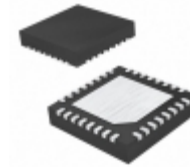
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**DSPIC33EP32GP502-H/SO**  
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28SOIC



**DSPIC33EP32GP502-E/SS**  
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|------------------------|-----------------|-------------------|---------------------|--------------------|
| 12062A121KAT4A         | 12067A271JAT2A  | 150KSR80A         | D 154501D0449       | ACH4518-102        |
| AD8534AR               | AOT460AL        | D BD4936FVE-FTR   | C3216NP01H472J060AA | CC1206KKX7R0BB225  |
| CL10B104KANC           | CL10B473KB8WPNC | CL21C122JBC1PNC   | CL31C100JIFNNNF     | CMB12-2H0H121MT    |
| D CY7C109-35VI         | EL817B-F        | FAN8423D          | FM16W08-SG....      | GCM1885C1H220FA16J |
| HAC4-24U               | HMK105CG090DV-F | KS524503          | LH1529BCC           | LM2743Q1MTCX       |
| LTC1430CS8#TR          | M38514M6-050FP  | D MAX2837ETM+T    | MAX8510EXK33+TG65   | MEA95-06DA         |
| MT48LC16M16A2FG-7E:DTR | D NL17SZ74US    | NRS6012T330MMGJ   | NTD18N06-1G         | PC35F11YVZBF       |
| PC852XJ0000F           | PK40F-160       | PM2048S03         | PT8A2645PE          | S-1206B36-U3T1G    |
| S1C8F626F10R000        | SD320S_L2_00001 | SMBJP6KE13CATR-13 | D SP6682EU-L-1      | STK612-024         |
| T160N1200EOC           | VE-211-IW       | VE-2N4-MU         | VE-J3Z-EW           | XC6215B332MR       |

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