



## DSPIC33EV128GM002T-I/SO

**Manufacturer Part Number:** DSPIC33EV128GM002T-I/SO

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

**Part of Description:** IC MCU 16BIT 128KB FLASH 28SOIC

**Datasheets:**

[1.DSPIC33EV128GM002T-I/SO.pdf](#)

[2.DSPIC33EV128GM002T-I/SO.pdf](#)

[3.DSPIC33EV128GM002T-I/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	DSPIC33EV128GM002T-I/SO
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 128KB FLASH 28SOIC
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	dsPIC™ 33EV
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, POR, PWM, WDT
Core Processor	dsPIC
Speed	70 MIPS
Number of I/O	21
EEPROM Size	-
RAM Size	8K x 8
Core Size	16-Bit
Connectivity	I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART
Program Memory Size	128KB (43K x 24)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Data Converters	A/D 11x10/12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

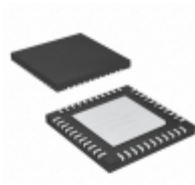
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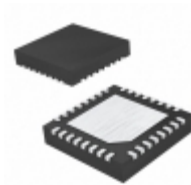
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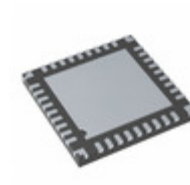
**DSPIC33EV128GM002-I/SO**  
Micrel / Microchip Technology  
IC MCU 16BIT 128KB FLASH  
28SOIC



**DSPIC33EV128GM004-E/MLVAO**  
Micrel / Microchip Technology  
IC MCU 16BIT 128KB FLASH  
44QFN



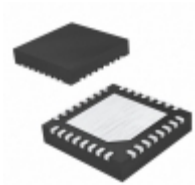
**DSPIC33EV128GM002T-I/MM**  
Micrel / Microchip Technology  
IC MCU 16BIT 128KB FLASH  
28QFN



**DSPIC33EV128GM003-I/M5**  
Micrel / Microchip Technology  
ECC FLASH, 8KB RAM



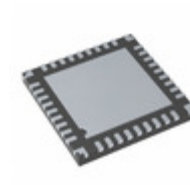
**DSPIC33EV128GM002-I/SP**  
Micrel / Microchip Technology  
IC MCU 16BIT 128KB FLASH  
28SDIP



**DSPIC33EV128GM002-I/MM**  
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IC MCU 16BIT 128KB FLASH  
28QFN



**DSPIC33EV128GM002-I/SS**  
Micrel / Microchip Technology  
IC MCU 16BIT 128KB FLASH  
28SSOP



**DSPIC33EV128GM003-E/M5**  
Micrel / Microchip Technology  
ECC FLASH, 8KB RAM

### Hot Parts

More

1808GC151MAT1A

AM29C60AJC

CDSOT23-T12LC

FES8CT-E3/45

IR3084MTRPBF.

MAX3173CAI+T

OSCAR-E5D4-WF-DB

SIP4610BDT-T1-E3

TD56N14LOF

UP6101BS8-A

24LCS21AT/SN SOP8

AM6612NE-T1-PF

CS16-08IO2

GRM0335C1E4R7CA01D

K0443LC650

MB88211PF-G-168N-BND-ER

PTZTE254.3A

SP706TCU

TDA7053AT/N2

V48C24C150BG

ADM6319B31ARJZ-RL7

AOTF42S60

CV-PC V0.1

GRM1555C1E9R4CZ01D

KTC3198-GR-AT/P

MC7808CT

RFF700-48S28-5TY

SPX2945M3-3.3TR

TLV0834IDR

VI-234-CW-01/F4

AIC1117A-25CE

AP3152FG-7

DG100N03E

HCPL2503

LM4125IM5X-4.1

MF-USMF020

S912XET256J2VALR

STC3M06-T1/3\*4-6P

TLV27L1CDRG4

VLS2010ET-4R7M

AK4645EN-L

APM2509N

FDY100PZ

IPP086N10N3G

LT1640HCS8#TR

NE76118-T1

SI1417DH-T1-E3

STL45N65M5

TS1103-50EG6T

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