



	<p><b>DSPIC33EV256GM002-E/SP</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">DSPIC33EV256GM002-E/SP</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Micrel / Microchip Technology</a></p> <p><b>Part of Description:</b> IC MCU 16BIT 256KB FLASH 28SDIP</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.DSPIC33EV256GM002-E/SP.pdf</a></li> <li> <a href="#">2.DSPIC33EV256GM002-E/SP.pdf</a></li> <li> <a href="#">3.DSPIC33EV256GM002-E/SP.pdf</a></li> </ul> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <a href="#">Compliant</a> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">DSPIC33EV256GM002-E/SP</a>
Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC MCU 16BIT 256KB FLASH 28SDIP
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Series	Automotive, AEC-Q100, dsPIC™ 33EV
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	28-DIP (0.300", 7.62mm)
Supplier Device Package	28-SPDIP
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Core Processor	dsPIC
Speed	60 MIPS
Number of I/O	21
EEPROM Size	-
RAM Size	16K x 8
Core Size	16-Bit
Connectivity	I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART
Program Memory Size	256KB (85.5K 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	Tube



















































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 0402YA6R0DAT2A	 08051C121KAT2A	 2225AA822KAT1A	 D 7D150D-050EHR	 A1140LUA-T
 AD7528CQ	 ADSP2115KS66	 D BD681/SOT-89	 BD860S_L2_00001	 BStN3760
 BZX84-C8V2	 C3216JB0J686M160AB	 CGA5C2NP01H153J060AA	 CLC2008ISO8X	 CRCW201036R0JNTF-36R
 DA108S1RL	 ELM34409AA-N	 FQD630TF	 GRM1555C1H361JA01D	 GRM1555C1H4R4WA01D
 GRM1885C2A220FA01J	 HCPL-7710V	 IRFB23N20D	 IRS2001MPBF.	 LBWA1WLLBZ-TEMP
 LM3490IM5X-15	 LMV431BIMFX	 D LMV774MTX/NOPB	 LQP03TN3N6B00J	 LT1243IS8#TR
 MACH130-20JC	 D MAX1487ECSA+T	 MBRB3045CTTRR	 MC34017-2DR2	 MCD72-16io8
 MIC5235-3.0BM5	 MMBZ5248BLT1	 MRF281SR1	 NE5534DRG4	 OB25134QCPA
 R6758-35	 RF601T2D	 S-1170B52UC-OULTFG	 D S-24C01BFJ-TB-G	 SAFEB1G57KB0F00R14
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