





	<p><b>DSPIC33FJ16GS502-H/SO</b></p>
	<p><b>Manufacturer Part Number:</b> DSPIC33FJ16GS502-H/SO</p>
	<p><b>Manufacturer/Brand:</b> Micrel / Microchip Technology</p>
	<p><b>Part of Description:</b> IC MCU 16BIT 16KB FLASH 28SOIC</p>
<p><b>Datasheets:</b></p>	<p> <a href="#">1.DSPIC33FJ16GS502-H/SO.pdf</a></p>
	<p> <a href="#">2.DSPIC33FJ16GS502-H/SO.pdf</a></p>
	<p> <a href="#">3.DSPIC33FJ16GS502-H/SO.pdf</a></p>
	<p> <a href="#">4.DSPIC33FJ16GS502-H/SO.pdf</a></p>
<p><b>RoHs Status:</b>  Lead free / RoHS</p>	<p><b>Stock Condition:</b> <sup>Compliant</sup> 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	DSPIC33FJ16GS502-H/SO
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 28SOIC
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Series	dsPIC™ 33F
Operating Temperature	-40°C ~ 150°C (TA)
Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package	28-SOIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Core Processor	dsPIC
Speed	40 MIPS
Number of I/O	21
EEPROM Size	-
RAM Size	2K x 8
Core Size	16-Bit
Connectivity	I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART
Program Memory Size	16KB (16K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 16x10b, D/A 4x10b
Oscillator Type	Internal
Packaging	Tube



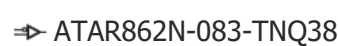
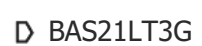


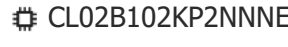
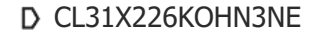

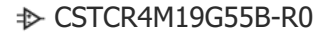

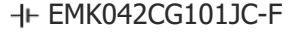

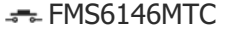


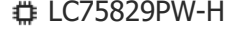


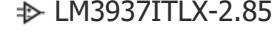

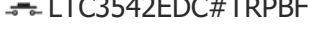

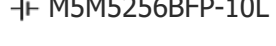
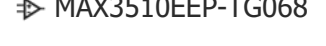

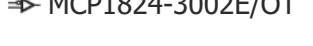
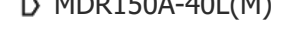
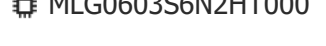
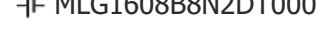
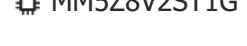
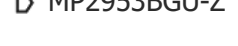
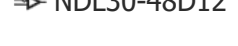

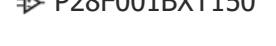
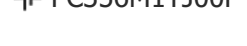

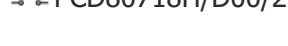
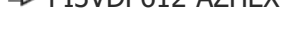

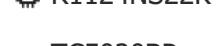
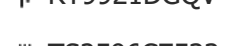
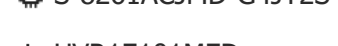
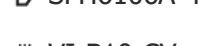
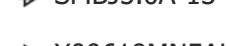





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|---|--|--|---|--|
|  AAT3522IGY-2.63    |  APT50M50JFLL     |  ATAR862N-083-TNQ38 |  BAS21LT3G        |  BC849AMTF        |
|  CC0805JRNPOBBN471  |  CL02B102KP2NNNE  |  CL31X226KOHN3NE    |  COM20022I-HT     |  CSTCR4M19G55B-R0 |
|  DM9000CEP          |  EMK042CG101JC-F  |  FB20R06W1E3-B1     |  FMS6146MTC       |  FRG25BA120       |
|  IXXH75N60B3D1      |  LC75829PW-H      |  LL2012-FR12K       |  LM3485MMNOPB     |  LM3937ITLX-2.85  |
|  LM4040BIM3-5.0+C5P |  LTC3542EDC#TRPBF |  LTC4059EDC         |  M5M5256BFP-10L   |  MAX3510EEP-TG068 |
|  MBR1545CT          |  MCP1824-3002E/OT |  MDR150A-40L(M)     |  MLG0603S6N2HT000 |  MLG1608B8N2DT000 |
|  MM5Z8V2ST1G        |  MP2953BGU-Z      |  NDL30-48D12        |  P100CH06CJ0      |  P28F001BXT150    |
|  PC356M1TJ00F       |  PCA9540BD        |  PCD80718H/D00/2    |  PI3VDP612-AZHEX  |  PIC16C622A-20/SO |
|  R1124NS22K         |  RT9921DGQV       |  S-8261ACJMD-G4JT2S |  SFH6106A-4       |  SMBJ5.0A-13      |
|  TC5020BP           |  TS2596CZ533      |  UVR1E101MED        |  VI-B10-CV        |  X00619MN5AL2     |