



Micrel / Microchip Technology

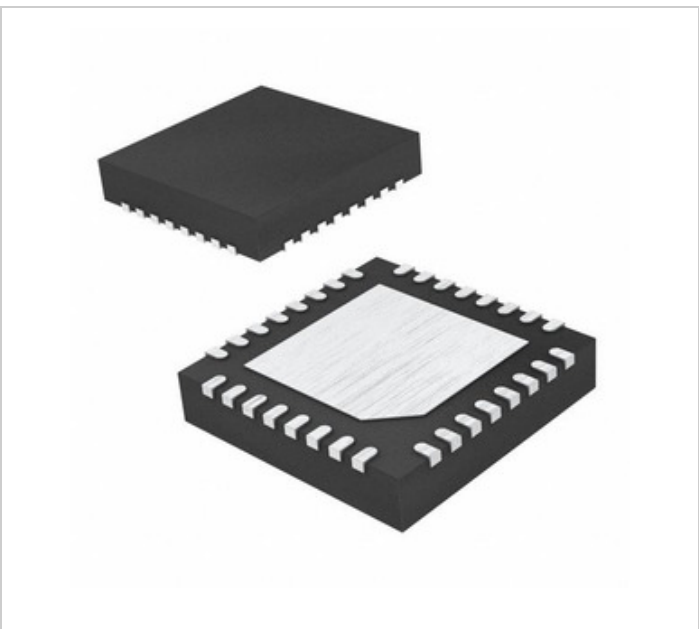


Image may be representation. See specifications for product details.

DSPIC33EP16GS502T-E/2N

Part Number:	DSPIC33EP16GS502T-E/2N
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 16KB FLASH 28UQFN
	 1.DSPIC33EP16GS502T-E/2N.pdf
	 2.DSPIC33EP16GS502T-E/2N.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	35602 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

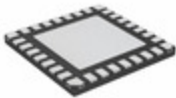
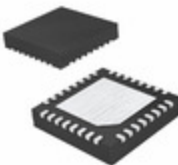
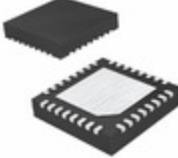
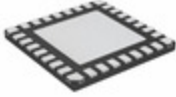
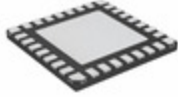
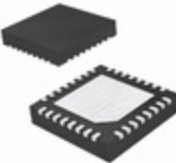
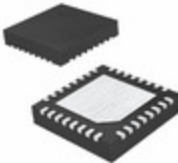
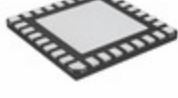
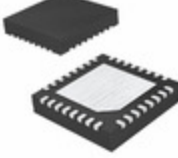
Specifications of DSPIC33EP16GS502T-E/2N

PART NUMBER	DSPIC33EP16GS502T-E/2N
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 16KB FLASH 28UQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	35602 pcs
DATA SHEET	 1.DSPIC33EP16GS502T-E/2N.pdf  2.DSPIC33EP16GS502T-E/2N.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	28-UQFN (6x6)
SPEED	60 MIPs
SERIES	Automotive, AEC-Q100, dsPIC™ 33EP
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-UQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	21
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 16KB (16K x 8) FLASH 28-UQFN (6x6)
DATA CONVERTERS	A/D 12x12b, D/A 1x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I²C, IrDA, LINbus, SPI, UART/USART

Related Tags

Micrel / Microchip Technology DSPIC33EP16GS502T-E/2N	DSPIC33EP16GS502T-E/2N Distributor	DSPIC33EP16GS502T-E/2N Supplier
DSPIC33EP16GS502T-E/2N Price	DSPIC33EP16GS502T-E/2N Pictures	DSPIC33EP16GS502T-E/2N Image
DSPIC33EP16GS502T-E/2N PDF Datasheet	DSPIC33EP16GS502T-E/2N Download Datasheet	DSPIC33EP16GS502T-E/2N Datasheet
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Micrel / Microchip Technology DSPIC33EP16GS502T-E/2N	Microchip Technology DSPIC33EP16GS502T-E/2N	Roving Networks / Microchip Technology DSPIC33EP16GS502T-E/2N

Related Products

 DSPIC33EP16GS502-E/MX Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28UQFN In stock: 32131 pcs RFQ	 DSPIC33EP16GS502T-I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28QFN In stock: 36828 pcs RFQ
 DSPIC33EP16GS502-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28SOIC In stock: 28001 pcs RFQ	 DSPIC33EP16GS502-I/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28QFN In stock: 35668 pcs RFQ
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 DSPIC33EP16GS502T-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28SOIC In stock: 31342 pcs RFQ	 DSPIC33EP16GS502T-E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 28QFN In stock: 36242 pcs RFQ