



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F1827-E/SO

Part Number:	PIC16F1827-E/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 7KB FLASH 18SOIC
	1.PIC16F1827-E/SO.pdf
	2.PIC16F1827-E/SO.pdf
	3.PIC16F1827-E/SO.pdf
	4.PIC16F1827-E/SO.pdf
	5.PIC16F1827-E/SO.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	52517 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

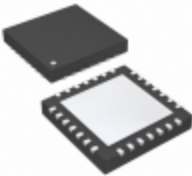
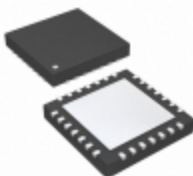
Specifications of PIC16F1827-E/SO

PART NUMBER	PIC16F1827-E/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 18SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	52517 pcs
DATA SHEET	1.PIC16F1827-E/SO.pdf 2.PIC16F1827-E/SO.pdf 3.PIC16F1827-E/SO.pdf 4.PIC16F1827-E/SO.pdf 5.PIC16F1827-E/SO.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	18-SOIC
SPEED	32MHz
SERIES	PIC® XLP™ mTouch™ 16F
RAM SIZE	384 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	7KB (4K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	18-SOIC (0.295", 7.50mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 18-SOIC
DATA CONVERTERS	A/D 12x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	PIC16F1827

Related Tags

Micrel / Microchip Technology PIC16F1827-E/SO	PIC16F1827-E/SO Distributor	PIC16F1827-E/SO Supplier
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Related Products

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 PIC16F1827-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28QFN In stock: 65012 pcs RFQ	 PIC16F1826T-I/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 20SSOP In stock: 76394 pcs RFQ
 PIC16F1826T-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28UQFN In stock: 77828 pcs RFQ	 PIC16F1827-E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 18DIP In stock: 47810 pcs RFQ
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