

Specifications	
Part Number	PIC16F627A-I/SO
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 1.75KB FLASH 18SOIC
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2970 pcs Stock
Series	PIC® 16F
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	18-SOIC (0.295", 7.50mm Width)
Supplier Device Package	18-SOIC
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Core Processor	PIC
Speed	20MHz
Number of I/O	16
EEPROM Size	128 x 8
RAM Size	224 x 8
Core Size	8-Bit
Connectivity	UART/USART
Program Memory Size	1.75KB (1K x 14)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Data Converters	-
Oscillator Type	Internal
Packaging	Tube

In: PIC16F627AT-E/SS Micrel / Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP	PIC16F627A-I/ML Micrel / Microchip Technology IC MCU 8BIT 1.75KB FLASH 28QFN	PIC16F627A-E/SO Micrel / Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC	PIC16F627AT-E/SO Micrel / Microchip Technology IC MCU 8BIT 1.75KB FLASH 18SOIC
PIC16F627A-I/SS Micrel / Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP	PIC16F627A-E/SS Micrel / Microchip Technology IC MCU 8BIT 1.75KB FLASH 20SSOP	PIC16F627A-I/SOG MICROCHIP MICROCHIP SOP18	PIC16F627A-I/P Micrel / Microchip Technology IC MCU 8BIT 1.75KB FLASH 18DIP

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| PIC16F1828-I/SO | PIC16F1828I/ML | PIC16F1829-I/ML | PIC16F1829-I/SO | PIC16F1829T-E/SO021 |
| PIC16F1829T-I/SS | PIC16F18313T-I/SN | PIC16F1936-I/MV | PIC16F1936T-I/SO | PIC16F1938-I/ML |
| PIC16F1939-I/PT | PIC16F506 | PIC16F506-I/SL | PIC16F527T-I/SS | PIC16F54T-I/SS |
| PIC16F57C-04/SO | PIC16F610-I/ML | PIC16F610T-E/ML | PIC16F616-I/ST | PIC16F616T-E/SL |
| PIC16F616T-I/SL055 | PIC16F616T-I/ST | PIC16F627-04/SS | PIC16F627-20/SO | PIC16F627A-I/P |
| PIC16F627A-I/SS | PIC16F627AT-I/SO | PIC16F628-04/SS | PIC16F628-20/SO | PIC16F628A-I/P |
| PIC16F628A-I/SO | PIC16F628A-I/SS | PIC16F630-I/P | PIC16F630-I/ST | PIC16F648A-I/ML |
| PIC16F648A-I/SO | PIC16F648A-I/SS | PIC16F676-I/P | PIC16F676-I/SL | PIC16F676T-I/SL |
| PIC16F677-I/ML | PIC16F677-I/SO | PIC16F677-I/SS | PIC16F677T-E/SS | PIC16F684-E/ST |
| PIC16F684-I/ST | PIC16F684T-I/ML060 | PIC16F687-I/ML | PIC16F687T-I/SS | PIC16F688-1 |