



Micrel / Microchip Technology

## PIC16F18455-E/SO

Part Number:	PIC16F18455-E/SO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 14KB FLASH 28SOIC
Datasheets:	<a href="#">1.PIC16F18455-E/SO.pdf</a> <a href="#">2.PIC16F18455-E/SO.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	67694 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC16F18455-E/SO

PART NUMBER	PIC16F18455-E/SO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 14KB FLASH 28SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	67694 pcs
DATA SHEET	<a href="#">1.PIC16F18455-E/SO.pdf</a> <a href="#">2.PIC16F18455-E/SO.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-SOIC
SPEED	32MHz
SERIES	PIC® XLP™ 16F
RAM SIZE	1K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	14KB (8K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-SOIC (0.295", 7.50mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	26
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 28-SOIC
DATA CONVERTERS	A/D 24x12b, D/A 1x5b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART

### Related Tags

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### Related Products

<p><b>PIC16F18455-E/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28DIP                  In stock: 59504 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18455-I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28DIP                  In stock: 52882 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18455-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SOIC                  In stock: 63742 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18446-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: RAM COMPARATOR                  In stock: 61735 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18446-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: RAM COMPARATOR                  In stock: 65644 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18455T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SOIC                  In stock: 75572 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18446-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: RAM COMPARATOR                  In stock: 48245 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18455-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SSOP                  In stock: 59642 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18446T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: RAM COMPARATOR                  In stock: 63572 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18446T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: RAM COMPARATOR                  In stock: 80311 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F18455-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SSOP                  In stock: 66029 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F18446T-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: COMPARATOR DAC, 12-BIT ADCC                  In stock: 83730 pcs  <a href="#">RFQ</a></p>