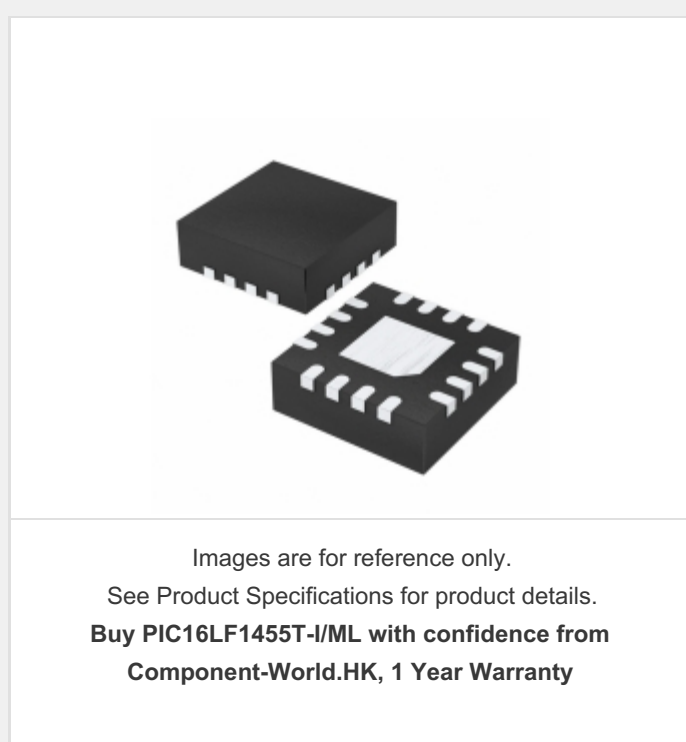


## PIC16LF1455T-I/ML



**Part Number:** [PIC16LF1455T-I/ML](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC MCU 8BIT 14KB FLASH 16QFN  
**Data sheet:** [PIC16\(L\)F145x Errata & Datasheet Clarification](#)  
[PIC16\(L\)F1454,5,9 Datasheet](#)  
[PIC16\(L\)F145\(4,5,9\) Brief](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
<b>Part Number</b>	PIC16LF1455T-I/ML
<b>Description</b>	IC MCU 8BIT 14KB FLASH 16QFN
<b>Quantity Available</b>	70409 pcs
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Supplier Device Package</b>	16-QFN (4x4)
<b>Series</b>	PIC® XLP™ 16F
<b>Program Memory Type</b>	FLASH
<b>Peripherals</b>	Brown-out Detect/Reset, POR, PWM, WDT
<b>Package / Case</b>	16-VQFN Exposed Pad
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>EEPROM Size</b>	-
<b>Data Converters</b>	A/D 5x10b, D/A 1x5b
<b>Core Processor</b>	PIC
<b>Base Part Number</b>	PIC16LF1455
<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">PIC16(L)F145x Errata &amp; Datasheet Clarification</a> <a href="#">PIC16(L)F1454,5,9 Datasheet</a> <a href="#">PIC16(L)F145(4,5,9) Brief</a>
<b>Voltage - Supply (Vcc/Vdd)</b>	1.8 V ~ 3.6 V
<b>Speed</b>	48MHz
<b>RAM Size</b>	1K x 8
<b>Program Memory Size</b>	14KB (8K x 14)
<b>Packaging</b>	Tape & Reel (TR)
<b>Oscillator Type</b>	Internal
<b>Number of I/O</b>	8
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 48MHz 14KB (8K x 14) FLASH 16-QFN (4x4)
<b>Core Size</b>	8-Bit
<b>Connectivity</b>	I <sup>2</sup> C, LINbus, SPI, UART/USART, USB

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## RELATED PRODUCTS

	<b>Part#:</b> <a href="#">PIC16LF1455-I/ML</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 16QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455T-I/ST</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 14TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1458-I/ML</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455-I/ST</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 14TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455-E/SL</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 14SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455T-I/JQ</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 16UQFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455-E/ML</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 16QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1458-E/SO</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455-E/ST</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 14TSSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455T-I/SL</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 14SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1458-E/SS</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20SSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">PIC16LF1458-I/SO</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20SOIC	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1458-E/ML</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455-I/P</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 14DIP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1458-I/P</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20DIP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1458-E/P</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20DIP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC16LF1455-E/P</a> <b>Description:</b> IC MCU 8BIT 14KB FLASH 14DIP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">PIC16LF1458-I/SS</a> <b>Description:</b> IC MCU 8BIT 7KB FLASH 20SSOP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>

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