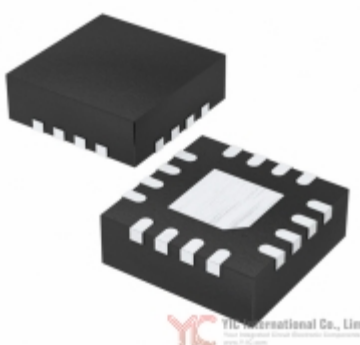




	<p><b>PIC16F1454-E/ML</b></p>
	<p><b>Manufacturer Part Number:</b> PIC16F1454-E/ML</p>
	<p><b>Manufacturer/Brand:</b> Micrel / Microchip Technology</p>
	<p><b>Part of Description:</b> IC MCU 8BIT 14KB FLASH 16QFN</p>
	<p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.PIC16F1454-E/ML.pdf</a></li> <li> <a href="#">2.PIC16F1454-E/ML.pdf</a></li> <li> <a href="#">3.PIC16F1454-E/ML.pdf</a></li> </ul>
<p><b>RoHs Status:</b></p>	<p> Lead free / RoHS</p>
<p><b>Stock Condition:</b></p>	<p>Compliant New original, Stock Available.</p>
<p><b>Ship From:</b></p>	<p>Hong Kong</p>
<p><b>Shipment Way:</b></p>	<p>DHL/Fedex/TNT/UPS/EMS</p>


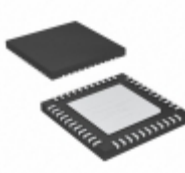




**Specifications**

Part Number	PIC16F1454-E/ML
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 16QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	PIC® XLP™ 16F
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	16-VQFN Exposed Pad
Supplier Device Package	16-QFN (4x4)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Core Processor	PIC
Speed	48MHz
Number of I/O	8
EEPROM Size	-
RAM Size	1K x 8
Core Size	8-Bit
Connectivity	I <sup>2</sup> C, LIN, SPI, UART/USART, USB
Program Memory Size	14KB (8K x 14)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Data Converters	-
Oscillator Type	Internal
Packaging	Tube


















































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 <p><b>PIC16CR77T-I/PT</b> Micrel / Microchip Technology IC MCU 8BIT 14KB ROM 44TQFP</p>	 <p><b>PIC16F1320-I/SS</b> Micrel / Microchip Technology PIC16F1320-I/SS Microchip</p>	 <p><b>PIC16F1454-I/ML</b> Micrel / Microchip Technology IC MCU 8BIT 14KB FLASH 16QFN</p>	 <p><b>PIC16F1454-I/JQ</b> Micrel / Microchip Technology IC MCU 8BIT 14KB FLASH 16UQFN</p>

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|---|--|--|---|---|
|  08051A820KAT2A      |  12065D224KAT2A     |  1MBI400L120        |  6DI30Z-100    |  ACM2012-121-2P-T002 |
|  ADM3082JN           |  ADV7511KSTZ        |  AM29F400AT-90EC    |  BB565E7902    |  CAT6219-250TDGT3    |
|  CY62126DV30LL-55ZIT |  D210U06B           |  DG403DJ-E3         |  EC3201C-PM-TL |  FDMS0364S           |
|  FDPF12N60NZ         |  FDS6994S           |  FQA11N90           |  FQU4N50TU_WS  |  FT10001FHX          |
|  GRM1886S1H9R4DZ01D  |  IDT74ALVCH16260PAG |  IDT74LVCH16245APVG |  KX162VF420    |  LM2612ABLX          |
|  LTC4410ES6#TR       |  MAX3100EEE         |  MAX6334UR16D3      |  MB63107CR-G   |  MC7918BT            |
|  MIG20J806H          |  ML6428CS3X         |  NCS20094DR2G       |  PVT412LS-T.   |  RT9013B-33PQWC      |
|  RT9502GQW           |  RT9728ALZQW        |  S1M-E3/5AT         |  SBE805-TL     |  SI7460DP-T1-GE3     |
|  SI7852ADP-T1-GE3    |  SN65LBC182P        |  SP3222EHEA         |  THS4041CD     |  UPC3234GV-E1        |
|  VI-26Y-CW           |  VI-JWJ-EX          |  VKP60MT312N-8      |  ZUW30515      |  ZXTEM322TA          |