

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | PIC16F15376-I/ML                                        |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 8-BIT 28KB FLASH 44QFN                           |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2696 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 2.3 V ~ 5.5 V                                           |
| Supplier Device Package    | 44-QFN (8x8)                                            |
| Speed                      | 32MHz                                                   |
| Series                     | PIC® XLP™ 16F                                           |
| RAM Size                   | 2K x 8                                                  |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 28KB (16K x 14)                                         |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                   |
| Packaging                  | Tube                                                    |
| Package / Case             | 44-VQFN Exposed Pad                                     |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 36                                                      |
| EEPROM Size                | 224 x 8                                                 |
| Data Converters            | A/D 35x10b, D/A 1x5b                                    |
| Core Size                  | 8-Bit                                                   |
| Core Processor             | PIC                                                     |
| Connectivity               | I²C, LIN, SPI, UART/USART                               |

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| <p>In:</p>  <p><b>PIC16F15375T-I/PT</b><br/>         Micrel / Microchip Technology<br/>         IC MCU 8BIT 14KB FLASH<br/>         44TQFP</p> |  <p><b>PIC16F15376T-I/MV</b><br/>         Microchip Technology<br/>         IC MCU 8BIT 28KB FLASH<br/>         40UQFN</p>         |  <p><b>PIC16F15376-E/MV</b><br/>         Microchip Technology<br/>         IC MCU 8BIT 28KB FLASH<br/>         40UQFN</p> |  <p><b>PIC16F15376-I/P</b><br/>         Microchip Technology<br/>         IC MCU 8-BIT 28KB FLASH 40DIP</p>               |
|  <p><b>PIC16F15376T-I/ML</b><br/>         Microchip Technology<br/>         IC MCU 8-BIT 28KB FLASH<br/>         44QFN</p>                     |  <p><b>PIC16F15376-I/PT</b><br/>         Micrel / Microchip Technology<br/>         IC MCU 8BIT 28KB FLASH<br/>         44TQFP</p> |  <p><b>PIC16F15376-E/ML</b><br/>         Microchip Technology<br/>         IC MCU 8-BIT 28KB FLASH<br/>         44QFN</p> |  <p><b>PIC16F15376-I/MV</b><br/>         Microchip Technology<br/>         IC MCU 8BIT 28KB FLASH<br/>         40UQFN</p> |

More

Contact us: **Info@YIC-Electronics.com**  
ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.  
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