

PIC16HV540-04/P



Part Number: [PIC16HV540-04/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 768B OTP 18DIP

Data sheet:  [Tips N Tricks Guide](#)  
 [PIC16HV540 Programming Spec](#)  
 [PIC16HV540](#)  
 [PIC16HV540 Errata](#)

RoHs Status: Lead free / RoHS Compliant

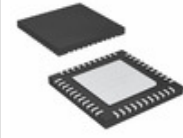
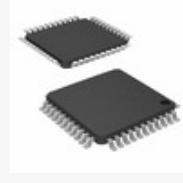
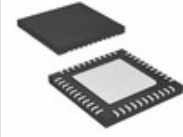
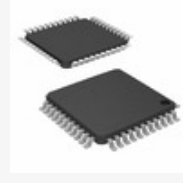
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16HV540-04/P                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 768B OTP 18DIP                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 68479 pcs                                 | Data sheet                       | <a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16HV540 Programming Spec</a><br><a href="#">PIC16HV540</a><br><a href="#">PIC16HV540 Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 3.5 V ~ 15 V                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18-PDIP                                   | Speed                            | 4MHz                                                                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 16C                                  | RAM Size                         | 25 x 8                                                                                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | OTP                                       | Program Memory Size              | 768B (512 x 12)                                                                                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, WDT          | Packaging                        | Tube                                                                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 18-DIP (0.300", 7.62mm)                   | Other Names                      | PIC16HV54004P                                                                                                                                         |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | External                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                                                                                                                       |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                        | Moisture Sensitivity Level (MSL) | Not Applicable                                                                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                            |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Detailed Description             | PIC PIC® 16C Microcontroller IC 8-Bit 4MHz 768B (512 x 12) OTP 18-PDIP                                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Core Size                        | 8-Bit                                                                                                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC                                       | Connectivity                     | -                                                                                                                                                     |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PIC16HV540                                |                                  |                                                                                                                                                       |
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