

PIC16HV540T-04I/SS



Part Number: [PIC16HV540T-04I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 768B OTP 20SSOP

Data sheet:  [Tips N Tricks Guide](#)

 [PIC16HV540 Programming Spec](#)

 [PIC16HV540](#)

 [PIC16HV540 Errata](#)

RoHs Status: Lead free / RoHS Compliant

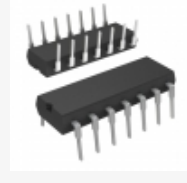
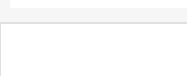
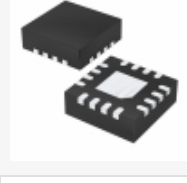
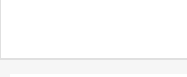
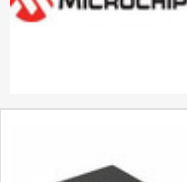
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                        |                                  |                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC16HV540T-04I/SS                                                     | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 768B OTP 20SSOP                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5952 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20-SSOP                                                                | 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                        | Tape & Reel (TR)                                                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-SSOP (0.209", 5.30mm Width)                                         | Other Names                      | PIC16HV540T-04ISS                                                                                                                                     |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | External                                                               | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12                                                                     | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                         |
| 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 20-SSOP | Data Converters                  | -                                                                                                                                                     |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                  | Core Processor                   | PIC                                                                                                                                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                      | Base Part Number                 | PIC16HV540                                                                                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                              |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16HV540-20/P</a><br>Description: IC MCU 8BIT 768B OTP 18DIP       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV610-E/P</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV540T-20I/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16HV540/JW</a><br>Description: IC MCU 8BIT 768B EPROM 18CDIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV610-E/ML</a><br>Description: IC MCU 8BIT 1.75KB FLASH 16QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV610-E/SL</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV540T-20I/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV540-20I/SS</a><br>Description: IC MCU 8BIT 768B OTP 20SSOP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16HV540-20I/SO</a><br>Description: IC MCU 8BIT 768B OTP 18SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16HV610-E/ST</a><br>Description: IC MCU 8BIT 1.75KB FLASH 14TSSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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