



ATTINY441-MMHR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATTINY441-MMHR                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 4KB FLASH 20VQFN                                                                                 |
|                     |  1.ATTINY441-MMHR.pdf       |
|                     |  2.ATTINY441-MMHR.pdf       |
|                     |  3.ATTINY441-MMHR.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 84296 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

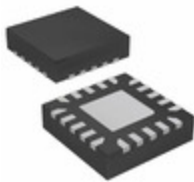
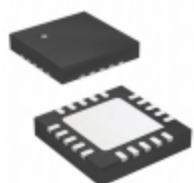
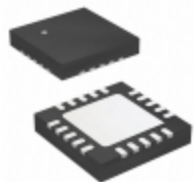
Specifications of ATTINY441-MMHR

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATTINY441-MMHR                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 20VQFN                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 84296 pcs                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.ATTINY441-MMHR.pdf<br> 2.ATTINY441-MMHR.pdf<br> 3.ATTINY441-MMHR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 20-VQFN (3x3)                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 16MHz                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | AVR® ATtiny                                                                                                                                                                                                                                                                                                                      |
| RAM SIZE                         | 256 x 8                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 4KB (4K x 8)                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | PWM                                                                                                                                                                                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | ATTINY441-MMHRTR                                                                                                                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 12                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | AVR AVR® ATtiny Microcontroller IC 8-Bit 16MHz 4KB (4K x 8) FLASH 20-VQFN (3x3)                                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | A/D 12x10b                                                                                                                                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                             |
| BASE PART NUMBER                 | ATTINY441                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATTINY441-MMHR | ATTINY441-MMHR Distributor             | ATTINY441-MMHR Supplier                               |
| ATTINY441-MMHR Price                         | ATTINY441-MMHR Pictures                | ATTINY441-MMHR Image                                  |
| ATTINY441-MMHR PDF Datasheet                 | ATTINY441-MMHR Download Datasheet      | ATTINY441-MMHR Datasheet                              |
| ATTINY441-MMHR Stock                         | Buy ATTINY441-MMHR                     | Buy Micrel / Microchip Technology ATTINY441-MMHR      |
| Micrel / Microchip Technology ATTINY441-MMHR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATTINY441-MMHR | Microchip Technology ATTINY441-MMHR    | Roving Networks / Microchip Technology ATTINY441-MMHR |

Related Products

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| <div></div> <div><b>ATTINY441-MMH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20VQFN<br/>In stock: 107347 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATTINY441-SSU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 14SOIC<br/>In stock: 113239 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ATTINY441-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 124086 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>ATTINY441-MMH</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20VQFN<br/>In stock: 5414 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>ATTINY44-20SSU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 14SOIC<br/>In stock: 60220 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ATTINY44-20SSUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 14SOIC<br/>In stock: 75021 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATTINY44-20SSUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 14SOIC<br/>In stock: 62539 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>ATTINY441-MMHRA0</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20VQFN<br/>In stock: 4899 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ATTINY441-MMHR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20VQFN<br/>In stock: 100990 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>ATTINY441-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 111667 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>ATTINY441-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 111530 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ATTINY441-SSUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 14SOIC<br/>In stock: 118016 pcs<br/><div>RFQ</div></div>          |