



Micrel / Microchip Technology

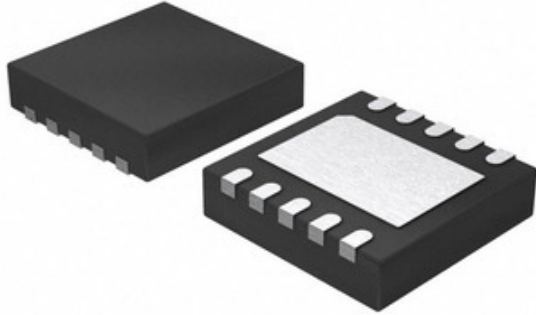


Image may be representation. See specifications for product details.

ATTINY13A-MMU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATTINY13A-MMU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1KB FLASH 10MLP                                                                                  |
|                     |  1.ATTINY13A-MMU.pdf        |
|                     |  2.ATTINY13A-MMU.pdf        |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 123829 pcs stock                                                                                             |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

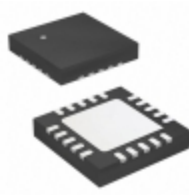
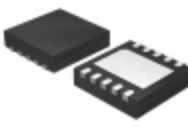
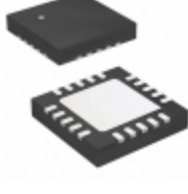
Specifications of ATTINY13A-MMU

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATTINY13A-MMU                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 8BIT 1KB FLASH 10MLP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 123829 pcs                                                                                                                                                                                                         |
| DATA SHEET                       |  1.ATTINY13A-MMU.pdf<br> 2.ATTINY13A-MMU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 10-MLP (3x3)                                                                                                                                                                                                       |
| SPEED                            | 20MHz                                                                                                                                                                                                              |
| SERIES                           | AVR® ATtiny                                                                                                                                                                                                        |
| RAM SIZE                         | 64 x 8                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 1KB (512 x 16)                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                              |
| PACKAGING                        | Tray                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 10-VDFDN Exposed Pad                                                                                                                                                                                               |
| OTHER NAMES                      | ATTINY13AMMU                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 6                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| EEPROM SIZE                      | 64 x 8                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | AVR AVR® ATtiny Microcontroller IC 8-Bit 20MHz 1KB (512 x 16) FLASH 10-MLP (3x3)                                                                                                                                   |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                |
| CONNECTIVITY                     | -                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | ATTINY13                                                                                                                                                                                                           |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATTINY13A-MMU | ATTINY13A-MMU Distributor              | ATTINY13A-MMU Supplier                               |
| ATTINY13A-MMU Price                         | ATTINY13A-MMU Pictures                 | ATTINY13A-MMU Image                                  |
| ATTINY13A-MMU PDF Datasheet                 | ATTINY13A-MMU Download Datasheet       | ATTINY13A-MMU Datasheet                              |
| ATTINY13A-MMU Stock                         | Buy ATTINY13A-MMU                      | Buy Micrel / Microchip Technology ATTINY13A-MMU      |
| Micrel / Microchip Technology ATTINY13A-MMU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATTINY13A-MMU | Microchip Technology ATTINY13A-MMU     | Roving Networks / Microchip Technology ATTINY13A-MMU |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATTINY13A-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 20QFN<br/>In stock: 146898 pcs<br/><b>RFQ</b></div>   |  <div><b>ATTINY13-20SU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: 84940 pcs<br/><b>RFQ</b></div>   |
|  <div><b>ATTINY13A-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 20QFN<br/>In stock: 154908 pcs<br/><b>RFQ</b></div>           |  <div><b>ATTINY13A-MMFR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 10MLP<br/>In stock: 144138 pcs<br/><b>RFQ</b></div> |
|  <div><b>ATTINY13A-SF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: 134099 pcs<br/><b>RFQ</b></div>   |  <div><b>ATTINY13A-MMFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 10MLP<br/>In stock: 131867 pcs<br/><b>RFQ</b></div>          |
|  <div><b>ATTINY13-20SUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: 105488 pcs<br/><b>RFQ</b></div> |  <div><b>ATTINY13A-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 20QFN<br/>In stock: 175224 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ATTINY13A-MMF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 10MLP<br/>In stock: 132607 pcs<br/><b>RFQ</b></div>  |  <div><b>ATTINY13A-MMUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 10MLP<br/>In stock: 129054 pcs<br/><b>RFQ</b></div> |
|  <div><b>ATTINY13-20SSUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8SOIC<br/>In stock: 83606 pcs<br/><b>RFQ</b></div>          |  <div><b>ATTINY13A-PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1KB FLASH 8DIP<br/>In stock: 119860 pcs<br/><b>RFQ</b></div>    |