



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA164PV-10MCUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA164PV-10MCUR                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 44VQFN                                                                                |
| Datasheets:         |  1.ATMEGA164PV-10MCUR.pdf   |
|                     |  2.ATMEGA164PV-10MCUR.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

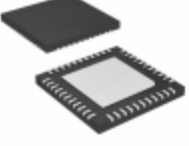
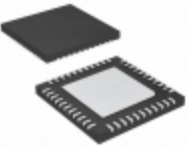
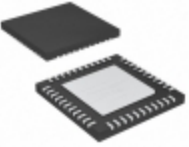
Specifications of ATMEGA164PV-10MCUR

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA164PV-10MCUR                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 44VQFN                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DATA SHEET                       |  1.ATMEGA164PV-10MCUR.pdf |
|                                  |  2.ATMEGA164PV-10MCUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 44-VQFN (7x7)                                                                                                |
| SPEED                            | 10MHz                                                                                                        |
| SERIES                           | AVR® ATmega                                                                                                  |
| RAM SIZE                         | 1K x 8                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                        |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                             |
| PACKAGE / CASE                   | 44-VFQFN Exposed Pad                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                            |
| NUMBER OF I/O                    | 32                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| EEPROM SIZE                      | 512 x 8                                                                                                      |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 10MHz 16KB (8K x 16) FLASH 44-VQFN (7x7)                            |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                        |
| CORE PROCESSOR                   | AVR                                                                                                          |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                         |
| BASE PART NUMBER                 | ATMEGA164                                                                                                    |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA164PV-10MCUR | ATMEGA164PV-10MCUR Distributor          | ATMEGA164PV-10MCUR Supplier                               |
| ATMEGA164PV-10MCUR Price                         | ATMEGA164PV-10MCUR Pictures             | ATMEGA164PV-10MCUR Image                                  |
| ATMEGA164PV-10MCUR PDF Datasheet                 | ATMEGA164PV-10MCUR Download Datasheet   | ATMEGA164PV-10MCUR Datasheet                              |
| ATMEGA164PV-10MCUR Stock                         | Buy ATMEGA164PV-10MCUR                  | Buy Micrel / Microchip Technology ATMEGA164PV-10MCUR      |
| Micrel / Microchip Technology ATMEGA164PV-10MCUR | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology ATMEGA164PV-10MCUR | Microchip Technology ATMEGA164PV-10MCUR | Roving Networks / Microchip Technology ATMEGA164PV-10MCUR |

Related Products

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|  <div><b>ATMEGA164PV-10AQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: 227 pcs<br/><b>RFQ</b></div>    |  <div><b>ATMEGA164PV-10AQR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>ATMEGA164PV-10MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: Out stock<br/><b>RFQ</b></div>          |  <div><b>ATMEGA164PV-10PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>ATMEGA164PV-10MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>ATMEGA164PV-10AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>ATMEGA164PV-10MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: 160 pcs<br/><b>RFQ</b></div>    |  <div><b>ATMEGA165-16AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>    |
|  <div><b>ATMEGA164PV-10MCU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44VQFN<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>ATMEGA164PV-10PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 40DIP<br/>In stock: 90 pcs<br/><b>RFQ</b></div>      |
|  <div><b>ATMEGA164PV-10AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>ATMEGA164PV-10AQR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 44TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>          |