



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA644PV-10PQ

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA644PV-10PQ                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC MCU 8BIT 64KB FLASH 40DIP                                                                                           |
| Datasheets:         |  <a href="#">ATMEGA644PV-10PQ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

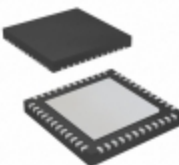
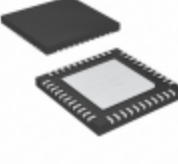
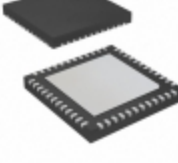
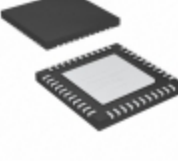
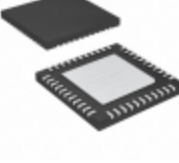
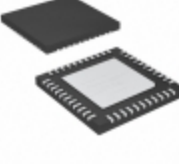
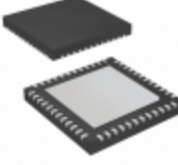
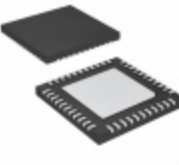
Specifications of ATMEGA644PV-10PQ

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA644PV-10PQ                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 40DIP                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |  <a href="#">ATMEGA644PV-10PQ.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                  |
| SPEED                            | 10MHz                                                                                                                    |
| SERIES                           | AVR® ATmega                                                                                                              |
| RAM SIZE                         | 4K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                    |
| PACKAGING                        | Tube                                                                                                                     |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                                                 |
| OTHER NAMES                      | ATMEGA644PV10PQ                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 32                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | 2K x 8                                                                                                                   |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 10MHz 64KB (32K x 16) FLASH 40-PDIP                                             |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                    |
| CORE PROCESSOR                   | AVR                                                                                                                      |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                     |
| BASE PART NUMBER                 | ATMEGA644                                                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA644PV-10PQ | ATMEGA644PV-10PQ Distributor           | ATMEGA644PV-10PQ Supplier                               |
| ATMEGA644PV-10PQ Price                         | ATMEGA644PV-10PQ Pictures              | ATMEGA644PV-10PQ Image                                  |
| ATMEGA644PV-10PQ PDF Datasheet                 | ATMEGA644PV-10PQ Download Datasheet    | ATMEGA644PV-10PQ Datasheet                              |
| ATMEGA644PV-10PQ Stock                         | Buy ATMEGA644PV-10PQ                   | Buy Micrel / Microchip Technology ATMEGA644PV-10PQ      |
| Micrel / Microchip Technology ATMEGA644PV-10PQ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATMEGA644PV-10PQ | Microchip Technology ATMEGA644PV-10PQ  | Roving Networks / Microchip Technology ATMEGA644PV-10PQ |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
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|  <div><b>ATMEGA644PV-10PU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 40DIP<br/>In stock: 92 pcs</div> <div>RFQ</div>        |  <div><b>ATMEGA644RFR2-ZU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VQFN<br/>In stock: 127 pcs</div> <div>RFQ</div>  |
|  <div><b>ATMEGA644PV-10MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: Out stock</div> <div>RFQ</div>            |  <div><b>ATMEGA644PV-20AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>ATMEGA644RFR2-ZF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VQFN<br/>In stock: 517 pcs</div> <div>RFQ</div>    |  <div><b>ATMEGA644PV-10MQR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: Out stock</div> <div>RFQ</div>          |
|  <div><b>ATMEGA644PV-10MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: 42 pcs</div> <div>RFQ</div>       |  <div><b>ATMEGA644PV-10MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>ATMEGA644RFR2-ZFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VQFN<br/>In stock: Out stock</div> <div>RFQ</div>          |  <div><b>ATMEGA644PV-10MQR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>ATMEGA644RFR2-ZFR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VQFN<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>ATMEGA644PV-10MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44VQFN<br/>In stock: Out stock</div> <div>RFQ</div> |