



Microchip Technology



ATMEGA165PV-8AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA165PV-8AUR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 16KB FLASH 64TQFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26356 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

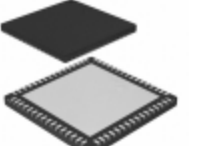
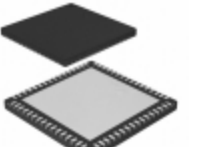
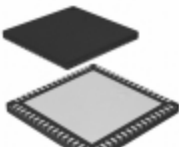
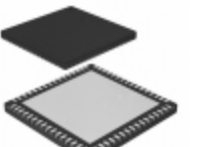
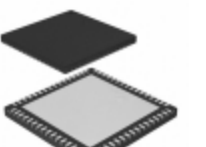
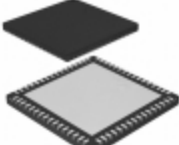
Specifications of ATMEGA165PV-8AUR

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA165PV-8AUR                                                                   |
| MANUFACTURER                     | Microchip Technology                                                               |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 64TQFP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 26356 pcs                                                                          |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                              |
| VOLTAGE - BREAKDOWN              | 64-TQFP (14x14)                                                                    |
| SERIES                           | AVR® ATmega                                                                        |
| ROHS STATUS                      | Digi-Reel®                                                                         |
| REVERSE RECOVERY TIME (TRR)      | 8MHz                                                                               |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                              |
| PROGRAM MEMORY TYPE              | 16KB (8K x 16)                                                                     |
| PROGRAM MEMORY SIZE              | SPI, UART/USART, USI                                                               |
| POLARIZATION                     | 64-TQFP                                                                            |
| OTHER NAMES                      | 1611-ATMEGA165PV-8AURDKR                                                           |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                  |
| OPERATING SYSTEM                 | AVR                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| MANUFACTURER PART NUMBER         | ATMEGA165PV-8AUR                                                                   |
| EXPANDED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 16KB (8K x 16) FLASH 64-TQFP (14x14) |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 64TQFP                                                      |
| DATA SRAM BYTES                  | 512 x 8                                                                            |
| DATA CONVERTERS                  | 1.8 V ~ 5.5 V                                                                      |
| CORE SIZE                        | 1K x 8                                                                             |
| CONTROLLER SERIES                | Internal                                                                           |
| CONNECTIVITY                     | 8-Bit                                                                              |
| CLOCK RATE                       | 54                                                                                 |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA165PV-8AUR | ATMEGA165PV-8AUR Distributor           | ATMEGA165PV-8AUR Supplier                               |
| ATMEGA165PV-8AUR Price                         | ATMEGA165PV-8AUR Pictures              | ATMEGA165PV-8AUR Image                                  |
| ATMEGA165PV-8AUR PDF Datasheet                 | ATMEGA165PV-8AUR Download Datasheet    | ATMEGA165PV-8AUR Datasheet                              |
| ATMEGA165PV-8AUR Stock                         | Buy ATMEGA165PV-8AUR                   | Buy Micrel / Microchip Technology ATMEGA165PV-8AUR      |
| Micrel / Microchip Technology ATMEGA165PV-8AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology ATMEGA165PV-8AUR | Microchip Technology ATMEGA165PV-8AUR  | Roving Networks / Microchip Technology ATMEGA165PV-8AUR |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATMEGA165PV-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 25114 pcs<br/><b>RFQ</b></div>  |  <div><b>ATMEGA165PV-8MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 23117 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ATMEGA165PV-8MNR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 21434 pcs<br/><b>RFQ</b></div>           |  <div><b>ATMEGA165PA-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 32494 pcs<br/><b>RFQ</b></div>   |
|  <div><b>ATMEGA165PV-8MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 24808 pcs<br/><b>RFQ</b></div>  |  <div><b>ATMEGA165PV-8MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 3249 pcs<br/><b>RFQ</b></div>   |
|  <div><b>ATMEGA165PV-8ANR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 28231 pcs<br/><b>RFQ</b></div> |  <div><b>ATMEGA165PA-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 30660 pcs<br/><b>RFQ</b></div>  |
|  <div><b>ATMEGA165PV-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 26774 pcs<br/><b>RFQ</b></div> |  <div><b>ATMEGA165PV-8ANR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 20381 pcs<br/><b>RFQ</b></div>         |
|  <div><b>ATMEGA165PV-8MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64QFN<br/>In stock: 42369 pcs<br/><b>RFQ</b></div>  |  <div><b>ATMEGA165PV-8AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 64TQFP<br/>In stock: 21412 pcs<br/><b>RFQ</b></div> |