



Micrel / Microchip Technology



AT90PWM1-16SU

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT90PWM1-16SU                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 8KB FLASH 24SOIC                                                                                 |
|                     |  1.AT90PWM1-16SU.pdf        |
|                     |  2.AT90PWM1-16SU.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35316 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.

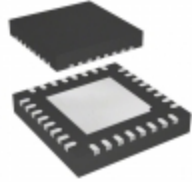
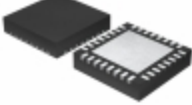
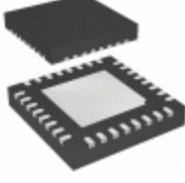
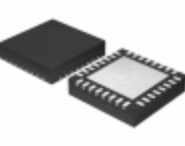
Specifications of AT90PWM1-16SU

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT90PWM1-16SU                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 24SOIC                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 35316 pcs                                                                                                                                                                                                          |
| DATA SHEET                       |  1.AT90PWM1-16SU.pdf<br> 2.AT90PWM1-16SU.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 24-SOIC                                                                                                                                                                                                            |
| SPEED                            | 16MHz                                                                                                                                                                                                              |
| SERIES                           | AVR® 90PWM Lighting                                                                                                                                                                                                |
| RAM SIZE                         | 512 x 8                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                              |
| PACKAGING                        | Tube                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 24-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                     |
| OTHER NAMES                      | AT90PWM116SU                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 19                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| EEPROM SIZE                      | 512 x 8                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | AVR AVR® 90PWM Lighting Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH 24-SOIC                                                                                                                                  |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                |
| CONNECTIVITY                     | SPI                                                                                                                                                                                                                |
| BASE PART NUMBER                 | AT90PWM1                                                                                                                                                                                                           |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology AT90PWM1-16SU | AT90PWM1-16SU Distributor              | AT90PWM1-16SU Supplier                               |
| AT90PWM1-16SU Price                         | AT90PWM1-16SU Pictures                 | AT90PWM1-16SU Image                                  |
| AT90PWM1-16SU PDF Datasheet                 | AT90PWM1-16SU Download Datasheet       | AT90PWM1-16SU Datasheet                              |
| AT90PWM1-16SU Stock                         | Buy AT90PWM1-16SU                      | Buy Micrel / Microchip Technology AT90PWM1-16SU      |
| Micrel / Microchip Technology AT90PWM1-16SU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology AT90PWM1-16SU | Microchip Technology AT90PWM1-16SU     | Roving Networks / Microchip Technology AT90PWM1-16SU |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AT90PWM1-16MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 4391 pcs</div> <div>RFQ</div>             |  <div><b>AT90PWM1-16MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 43638 pcs</div> <div>RFQ</div>      |
|  <div><b>AT90LS8535-4PC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 6224 pcs</div> <div>RFQ</div>    |  <div><b>AT90PWM161-16MNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 83903 pcs</div> <div>RFQ</div>  |
|  <div><b>AT90LS8535-4PI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 40DIP<br/>In stock: 6354 pcs</div> <div>RFQ</div>    |  <div><b>AT90PWM161-16SN</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br/>In stock: 3701 pcs</div> <div>RFQ</div>            |
|  <div><b>AT90PWM1-16MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 80829 pcs</div> <div>RFQ</div>   |  <div><b>AT90PWM161-16SNR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br/>In stock: 81018 pcs</div> <div>RFQ</div> |
|  <div><b>AT90PWM161-16MNR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 39997 pcs</div> <div>RFQ</div>         |  <div><b>AT90LS8535-4MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 44VQFN<br/>In stock: 4288 pcs</div> <div>RFQ</div>     |
|  <div><b>AT90PWM161-16MN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 74802 pcs</div> <div>RFQ</div> |  <div><b>AT90PWM161-16SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 20SOIC<br/>In stock: 84639 pcs</div> <div>RFQ</div>  |