



Micrel / Microchip Technology

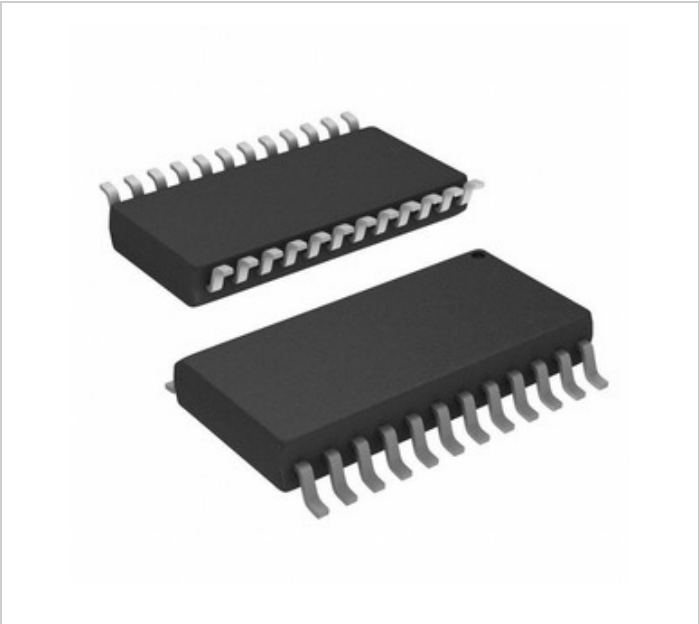


Image may be representation. See specifications for product details.

AT90PWM2B-16SUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT90PWM2B-16SUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 8KB FLASH 24SOIC                                                                                 |
| Datasheets:         | <a href="#">1.AT90PWM2B-16SUR.pdf</a><br><a href="#">2.AT90PWM2B-16SUR.pdf</a>                               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

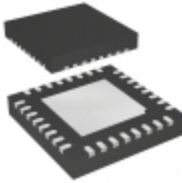
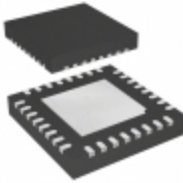
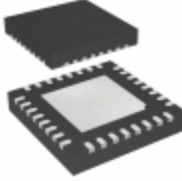
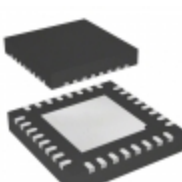
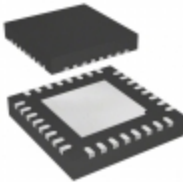
Specifications of AT90PWM2B-16SUR

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | AT90PWM2B-16SUR                                                                        |
| MANUFACTURER                     | Micrel / Microchip Technology                                                          |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 24SOIC                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| DATA SHEET                       | <a href="#">PDF 1.AT90PWM2B-16SUR.pdf</a><br><a href="#">PDF 2.AT90PWM2B-16SUR.pdf</a> |
| 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                        | Tape & Reel (TR)                                                                       |
| PACKAGE / CASE                   | 24-SOIC (0.295", 7.50mm Width)                                                         |
| OTHER NAMES                      | AT90PWM2B-16SUR-ND<br>AT90PWM2B-16SURTR<br>AT90PWM2B16SUR                              |
| OSCILLATOR TYPE                  | Internal                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                     |
| NUMBER OF I/O                    | 27                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                |
| 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; D/A 1x10b                                                                   |
| CORE SIZE                        | 8-Bit                                                                                  |
| CORE PROCESSOR                   | AVR                                                                                    |
| CONNECTIVITY                     | SPI, UART/USART                                                                        |
| BASE PART NUMBER                 | AT90PWM2B                                                                              |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology AT90PWM2B-16SUR | AT90PWM2B-16SUR Distributor            | AT90PWM2B-16SUR Supplier                               |
| AT90PWM2B-16SUR Price                         | AT90PWM2B-16SUR Pictures               | AT90PWM2B-16SUR Image                                  |
| AT90PWM2B-16SUR PDF Datasheet                 | AT90PWM2B-16SUR Download Datasheet     | AT90PWM2B-16SUR Datasheet                              |
| AT90PWM2B-16SUR Stock                         | Buy AT90PWM2B-16SUR                    | Buy Micrel / Microchip Technology AT90PWM2B-16SUR      |
| Micrel / Microchip Technology AT90PWM2B-16SUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology AT90PWM2B-16SUR | Microchip Technology AT90PWM2B-16SUR   | Roving Networks / Microchip Technology AT90PWM2B-16SUR |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AT90PWM2B-16SU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 24SOIC<br/>In stock: 256 pcs<br/><b>RFQ</b></div>   |  <div><b>AT90PWM216-16SUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 24SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>AT90PWM3-16MQT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>AT90PWM316-16MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 408 pcs<br/><b>RFQ</b></div>     |
|  <div><b>AT90PWM3-16MQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>AT90PWM2-16SQR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 24SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>             |
|  <div><b>AT90PWM216-16SUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 24SOIC<br/>In stock: 121 pcs<br/><b>RFQ</b></div>         |  <div><b>AT90PWM3-16SQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div>     |
|  <div><b>AT90PWM3-16MQT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>           |  <div><b>AT90PWM216-16SU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB FLASH 24SOIC<br/>In stock: 364 pcs<br/><b>RFQ</b></div>    |
|  <div><b>AT90PWM2-16SQR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 24SOIC<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>AT90PWM3-16MQ</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: Out stock<br/><b>RFQ</b></div>               |