



Micrel / Microchip Technology

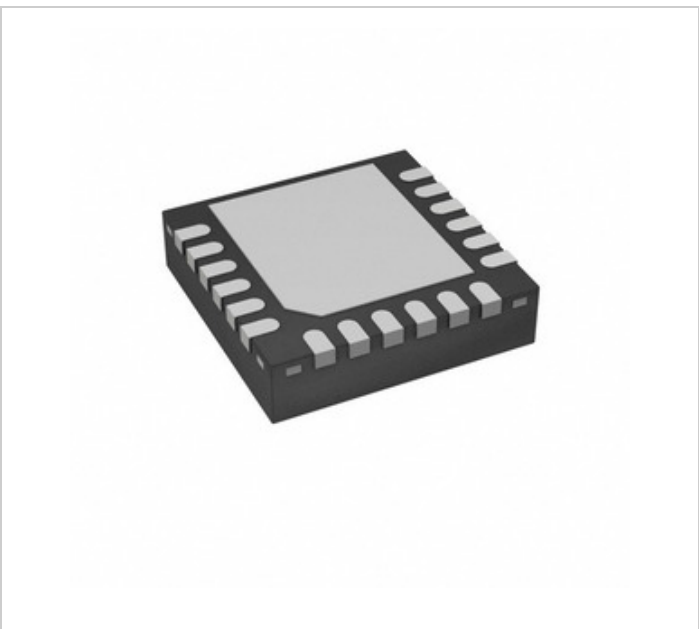


Image may be representation. See specifications for product details.

ATA6831N-PIQW

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATA6831N-PIQW                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MOTOR DRIVER SER 18QFN                                                                                    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6056 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

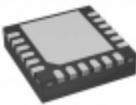
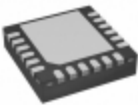
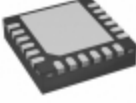
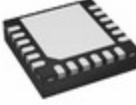
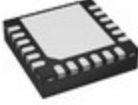
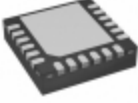
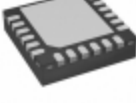
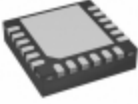
Specifications of ATA6831N-PIQW

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| PART NUMBER                      | ATA6831N-PIQW                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                      |
| DESCRIPTION                      | IC MOTOR DRIVER SER 18QFN                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                         |
| QUANTITY AVAILABLE               | 6056 pcs                                           |
| DATA SHEET                       |                                                    |
| VOLTAGE - SUPPLY                 | 4.75 V ~ 5.25 V                                    |
| VOLTAGE - LOAD                   | 5.6 V ~ 40 V                                       |
| TECHNOLOGY                       | Power MOSFET                                       |
| SUPPLIER DEVICE PACKAGE          | 18-VQFN (4x4)                                      |
| STEP RESOLUTION                  | -                                                  |
| SERIES                           | -                                                  |
| PACKAGING                        | Tape & Reel (TR)                                   |
| PACKAGE / CASE                   | 18-VFQFN Exposed Pad                               |
| OUTPUT CONFIGURATION             | Half Bridge (3)                                    |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TJ)                                 |
| MOUNTING TYPE                    | Surface Mount                                      |
| MOTOR TYPE - STEPPER             | -                                                  |
| MOTOR TYPE - AC, DC              | Brushed DC                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                         |
| INTERFACE                        | PWM, SPI                                           |
| FUNCTION                         | Driver - Fully Integrated, Control and Power Stage |
| DETAILED DESCRIPTION             | Motor Driver Power MOSFET PWM, SPI 18-VQFN (4x4)   |
| CURRENT - OUTPUT                 | 1A                                                 |
| BASE PART NUMBER                 | ATA6831                                            |
| APPLICATIONS                     | General Purpose                                    |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATA6831N-PIQW | ATA6831N-PIQW Distributor              | ATA6831N-PIQW Supplier                               |
| ATA6831N-PIQW Price                         | ATA6831N-PIQW Pictures                 | ATA6831N-PIQW Image                                  |
| ATA6831N-PIQW PDF Datasheet                 | ATA6831N-PIQW Download Datasheet       | ATA6831N-PIQW Datasheet                              |
| ATA6831N-PIQW Stock                         | Buy ATA6831N-PIQW                      | Buy Micrel / Microchip Technology ATA6831N-PIQW      |
| Micrel / Microchip Technology ATA6831N-PIQW | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATA6831N-PIQW | Microchip Technology ATA6831N-PIQW     | Roving Networks / Microchip Technology ATA6831N-PIQW |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ATA6831-PISW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DVR HALF BRIDGE SPI/PWM 18QFN<br/>In stock: 3835 pcs<br/><div>RFQ</div></div>  |  <div><b>ATA6832N-PIQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOTOR DRIVER SPI 18QFN<br/>In stock: 2764 pcs<br/><div>RFQ</div></div>      |
|  <div><b>ATA6832-PIQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOTOR DRIVER SPI 18QFN<br/>In stock: 5196 pcs<br/><div>RFQ</div></div>         |  <div><b>ATA6831-DK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT DEVELOPMENT FOR ATA6831<br/>In stock: 510 pcs<br/><div>RFQ</div></div>        |
|  <div><b>ATA6832C-PIQW-1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC HALF-BRIDGE DRVR SPI 18QFN<br/>In stock: 43122 pcs<br/><div>RFQ</div></div> |  <div><b>ATA6831C-PIQW-1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOTOR DRIVER SER 18QFN<br/>In stock: 5197 pcs<br/><div>RFQ</div></div>    |
|  <div><b>ATA6832-DK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVALUATION FOR ATA6832<br/>In stock: 510 pcs<br/><div>RFQ</div></div>         |  <div><b>ATA6831C-PIQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOTOR DRIVER SER 18QFN<br/>In stock: 3378 pcs<br/><div>RFQ</div></div>      |
|  <div><b>ATA6832C-PIQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MOTOR DRIVER SPI 18QFN<br/>In stock: 6511 pcs<br/><div>RFQ</div></div>        |  <div><b>ATA6832C-PIQW-1</b><br/>Manufacturers: Microchip Technology<br/>Description: IC HALF-BRIDGE DRVR SPI 18QFN<br/>In stock: 23680 pcs<br/><div>RFQ</div></div>        |
|  <div><b>ATA6831-PIPW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DVR TRPL HALF SPI/PWM 18-QFN<br/>In stock: 6597 pcs<br/><div>RFQ</div></div>   |  <div><b>ATA6831-PIQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DVR TRPL HALF SPI/PWM 18-QFN<br/>In stock: 6897 pcs<br/><div>RFQ</div></div> |