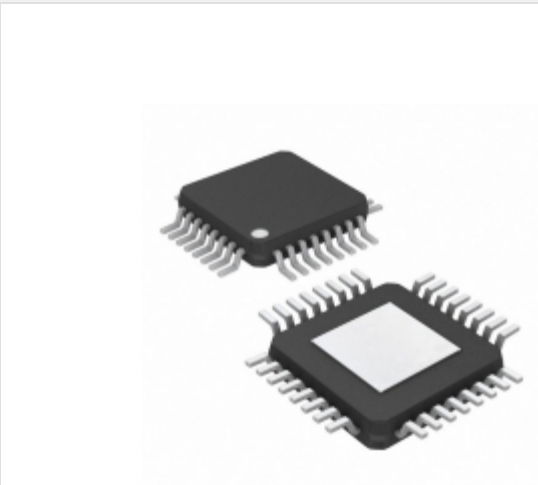


ATA6824C-MFHW





Part Number:

ATA6824C-MFHW

Manufacturer

Micrel / Microchip Technology

Description

IC MOTOR CONTROLLER SER 32TQFP

Data sheet:

 [ATA6824C](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

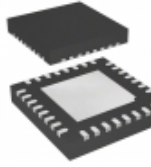
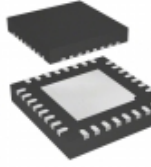
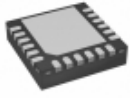
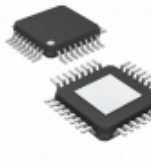
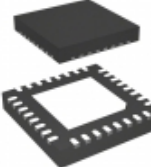
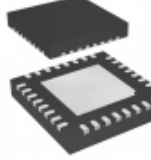
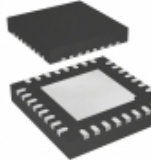
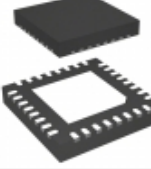
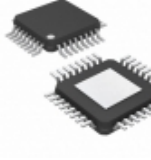
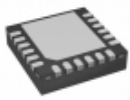
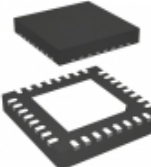
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ATA6824C-MFHW                                       | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MOTOR CONTROLLER SER 32TQFP                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4041 pcs                                            | Data sheet                       | <a href="#">ATA6824C</a>                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>           | Voltage - Supply                 | 6.5 V ~ 22.7 V                                 |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                   | Technology                       | Power MOSFET                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32-TQFP (7x7)                                       | Step Resolution                  | -                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Automotive, AEC-Q100                                | Packaging                        | Tape & Reel (TR)                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32-TQFP Exposed Pad                                 | Output Configuration             | Pre-Driver - Half Bridge (2)                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ATA6824C-MFHW-ND<br>ATA6824C-MFHWTR<br>ATA6824CMFHW | Operating Temperature            | -40°C ~ 150°C (TA)                             |
| 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                        | Serial                                         |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Controller - Commutation, Direction Management      | Detailed Description             | Motor Driver Power MOSFET Serial 32-TQFP (7x7) |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                   | Base Part Number                 | ATA6824                                        |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Automotive                                          |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATA6823C-PHQW-1</a><br>Description: IC MOTOR CONTROLLER PAR 32QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6823C-PHQW</a><br>Description: IC MOTOR CONTROLLER PAR 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6827N-PIQW</a><br>Description: IC MOTOR DRIVER SER 18QFN        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6826C-TUQY-66</a><br>Description: IC MOTOR DRIVER SER 14SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6824C-MFHW-1</a><br>Description: IC MOTOR CONTROLLER SER 32TQFP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6826-DK</a><br>Description: BOARD EVALUATION FOR ATA6826        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6824-DK</a><br>Description: BOARD EVALUATION FOR ATA6824        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6824C-PNQW</a><br>Description: IC MOTOR CONTROLLER SER 32QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6823-PHQW</a><br>Description: IC MOTOR CONTROLLER PAR 32QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6826-TUSY</a><br>Description: IC DVR HALF BRIDGE DMOS SO14      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6823C-PHQW-19</a><br>Description: IC MOTOR CTRLR PAR 32QFN      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6824-PNQW</a><br>Description: IC MOTOR CONTROLLER SER 32QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6824-MFHW</a><br>Description: IC MOTOR CONTROLLER SER 32TQFP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6827-PIQW</a><br>Description: IC DVR TRPL HALF-BRDG DMOS 18QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6824-MFQW</a><br>Description: IC MOTOR CONTROLLER SER 32QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6826-TUQY</a><br>Description: IC DVR TRPL HALF-BRDG DMOS SO-14  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6827-DK</a><br>Description: KIT DEVELOPMENT FOR ATA6827         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6823-DK</a><br>Description: BOARD EVALUATION FOR ATA6823        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6826N-TUQY</a><br>Description: IC MOTOR DRIVER SER 14SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6821-TUSY</a><br>Description: IC DRIVER PWR 1CH HI SPD 14-SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

| Related keywords for ATA6824C-MFHW          |                                    |                                        |                     |
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