

A3938SLDTR



Part Number: [A3938SLDTR](#)

Manufacturer: [Allegro MicroSystems, LLC.](#)

Description: IC MOTOR CONTROLLER PAR 38TSSOP

Data sheet:  [A3938](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                  |                                |                                                |
|----------------------------------|--------------------------------------------------|--------------------------------|------------------------------------------------|
| Part Number                      | A3938SLDTR                                       | Manufacturer                   | <a href="#">Allegro MicroSystems, LLC.</a>     |
| Description                      | IC MOTOR CONTROLLER PAR 38TSSOP                  | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant             |
| Quantity Available               | 5327 pcs                                         | Data sheet                     | <a href="#">A3938</a>                          |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>        | Voltage - Supply               | 18 V ~ 50 V                                    |
| Voltage - Load                   | -                                                | Technology                     | Power MOSFET                                   |
| Supplier Device Package          | 38-TSSOP                                         | Step Resolution                | -                                              |
| Series                           | -                                                | Packaging                      | Tape & Reel (TR)                               |
| Package / Case                   | 38-TFSOP (0.173", 4.40mm Width)                  | Output Configuration           | Pre-Driver - Half Bridge (3)                   |
| Operating Temperature            | -20°C ~ 85°C (TA)                                | Mounting Type                  | Surface Mount                                  |
| Motor Type - Stepper             | -                                                | Motor Type - AC, DC            | Brushless DC (BLDC)                            |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                    | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant             |
| Interface                        | Parallel, PWM                                    | Function                       | Controller - Commutation, Direction Management |
| Detailed Description             | Motor Driver Power MOSFET Parallel, PWM 38-TSSOP | Current - Output               | -                                              |
| Base Part Number                 | A3938                                            | Applications                   | General Purpose                                |

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|  | Part#: <a href="#">A3938SLD</a><br>Description: IC MOTOR CONTROLLER PAR 38TSSOP       | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">A3938SLQ</a><br>Description: IC MOTOR CONTROLLER PAR 36QSOP        | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a>   | <div>RFQ</div> |
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|  | Part#: <a href="#">A3938SEQTR</a><br>Description: IC MOTOR CONTROLLER PAR 32PLCC      | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">A393K20X7RH5TAA</a><br>Description: CAP CER 0.039UF 100V X7R AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">A393K20X7RK5TAA</a><br>Description: CAP CER 0.039UF 200V X7R AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">A3938SLQTR</a><br>Description: IC MOTOR CONTROLLER PAR 36QSOP      | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">A3938SLD-T</a><br>Description: IC MOTOR CONTROLLER PAR 38TSSOP     | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">A393K20X7RH5UAA</a><br>Description: CAP CER 0.039UF 100V X7R AXIAL | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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