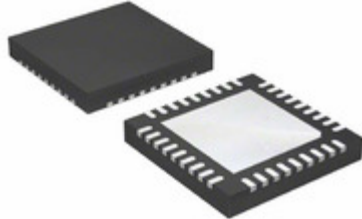


A5988GEVTR-T



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [A5988GEVTR-T](#)

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

**Description** IC DC MOTOR DRVR PWM 36QFN

**Data sheet:**  [A5988 Datasheet](#)

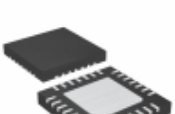
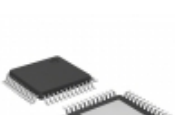
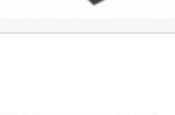
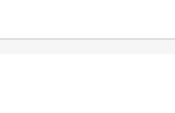
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                               |                                               |                                  |                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                     | A5988GEVTR-T                                  | Manufacturer                     | <a href="#">Allegro MicroSystems, LLC.</a>         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                     | IC DC MOTOR DRVR PWM 36QFN                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                              | 52267 pcs                                     | Data sheet                       | <a href="#">A5988 Datasheet</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>     | Voltage - Supply                 | 8 V ~ 40 V                                         |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                  | 8 V ~ 40 V                                    | Technology                       | DMOS                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                         | 36-QFN-EP (6x6)                               | Step Resolution                  | 1, 1/2, 1/4                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                             | Packaging                        | Tape & Reel (TR)                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                  | 36-VFQFN Exposed Pad                          | Output Configuration             | Half Bridge (8)                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                     | 620-1800-2                                    | Operating Temperature            | -40°C ~ 150°C (TJ)                                 |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                                 | Motor Type - Stepper             | Bipolar                                            |
| Motor Type - AC, DC                                                                                                                                                                                                                                                                                                                                                                                                             | Brushed DC                                    | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                 | 16 Weeks                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                       | PWM                                           | Function                         | Driver - Fully Integrated, Control and Power Stage |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                            | Bipolar Motor Driver DMOS PWM 36-QFN-EP (6x6) | Current - Output                 | 1.6A                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                    | General Purpose                               |                                  |                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                           |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">A5995GEVSR-T</a><br>Description: IC DC MOTOR DRIVER PAR 36QFN     | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5988GJPTR-1-T</a><br>Description: IC DC MOTOR DRVR PWM 48LQFP    | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5975D</a><br>Description: IC REG BUCK ADJ 3A 8SOIC               | Manufacturers: <a href="#">STMicroelectronics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5989GEVTR-T</a><br>Description: IC MOTOR DRIVER PAR 36QFN        | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5976GLPTR-T</a><br>Description: MICROSTEPPING DMOS DRIVER WITH T | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5985GETTR-T</a><br>Description: DMOS MICROSTEPPING DRIVER IC WIT | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5990GEVSR-T</a><br>Description: QUAD DMOS FULL BRIDGE PWM MOTOR  | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5974ADTR</a><br>Description: IC REG BUCK ADJ 2A 8SOIC            | Manufacturers: <a href="#">STMicroelectronics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5988GJPTR-T</a><br>Description: IC DC MOTOR DRVR PWM 48LQFP      | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5975AD</a><br>Description: IC REG BUCK ADJ 2.5A 8SOIC            | Manufacturers: <a href="#">STMicroelectronics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5974D</a><br>Description: IC REG BUCK ADJ 2.5A 8SOIC             | Manufacturers: <a href="#">STMicroelectronics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5974DTR</a><br>Description: IC REG BUCK ADJ 2.5A 8SOIC           | Manufacturers: <a href="#">STMicroelectronics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5984GETTR-T</a><br>Description: 40V, 2A (.65) STEPPER MOTOR DRIV | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5984GESTR-T</a><br>Description: IC MOTOR DRIVER STEP/DIR 24QFN   | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5977GLPTR-T</a><br>Description: MICROSTEPPING DMOS DRIVER WITH T | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5984GLPTR-T</a><br>Description: IC MOTOR DRIVER STEP/DIR 24TSSOP | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5988GEVTR-1-T</a><br>Description: IC DC MOTOR DRVR PWM 36QFN     | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5975DTR</a><br>Description: IC REG BUCK ADJ 3A 8SOIC             | Manufacturers: <a href="#">STMicroelectronics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5975ADTR</a><br>Description: IC REG BUCK ADJ 2.5A 8SOIC          | Manufacturers: <a href="#">STMicroelectronics</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">A5979GLPTR-T</a><br>Description: MICROSTEPPING DMOS DRIVER WITH T | Manufacturers: <a href="#">Allegro MicroSystems, LLC.</a> | <a href="#">RFQ</a> |

Related keywords for **A5988GEVTR-T**

|                                         |                                       |                                        |                    |
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