



Allegro MicroSystems, LLC.

### ACS711ELCTR-12AB-T

|                      |                                 |
|----------------------|---------------------------------|
| Part Number:         | ACS711ELCTR-12AB-T              |
| Manufacturer/Brand:  | Allegro MicroSystems, LLC.      |
| Product description: | SENSOR CURRENT HALL 12.5A AC/DC |
| Datasheets:          | ACS711ELCTR-12AB-T.pdf          |
| RoHS Status:         | Lead free / RoHS Compliant      |
| Stock Condition:     | 78146 pcs stock                 |
| Ship From:           | Hong Kong                       |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS           |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of ACS711ELCTR-12AB-T

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | ACS711ELCTR-12AB-T  |
| MANUFACTURER                     | Allegro MicroSystems, LLC.  |
| DESCRIPTION                      | SENSOR CURRENT HALL 12.5A AC/DC   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 78146 pcs   |
| DATA SHEET                       | ACS711ELCTR-12AB-T.pdf  |
| VOLTAGE - SUPPLY                 | 3 V ~ 5.5 V   |
| SERIES                           | -   |
| SENSOR TYPE                      | Hall Effect, Open Loop  |
| SENSITIVITY                      | 110mV/A   |
| RESPONSE TIME                    | 4.6µs   |
| POLARIZATION                     | Bidirectional   |
| PACKAGING                        | Tape & Reel (TR)  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)   |
| OUTPUT                           | Ratiometric, Voltage  |
| OTHER NAMES                      | 620-1370-2<br>ACS711ELCTR12ABT  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C  |
| NUMBER OF CHANNELS               | 1   |
| MOUNTING TYPE                    | Surface Mount   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)  |
| LINEARITY                        | ±1%   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| FREQUENCY                        | DC ~ 100kHz   |
| FOR MEASURING                    | AC/DC   |
| DETAILED DESCRIPTION             | Current Sensor 12.5A 1 Channel Hall Effect, Open Loop Bidirectional 8-SOIC (0.154", 3.90mm Width) |
| CURRENT - SUPPLY (MAX)           | 5.5mA   |
| CURRENT - SENSING                | 12.5A   |
| ACCURACY                         | ±5%   |

#### Related Tags

|   |   |   |
|---|---|---|
| Allegro MicroSystems, LLC. ACS711ELCTR-12AB-T | ACS711ELCTR-12AB-T Distributor              | ACS711ELCTR-12AB-T Supplier                       |
| ACS711ELCTR-12AB-T Price                      | ACS711ELCTR-12AB-T Pictures                 | ACS711ELCTR-12AB-T Image                          |
| ACS711ELCTR-12AB-T PDF Datasheet              | ACS711ELCTR-12AB-T Download Datasheet       | ACS711ELCTR-12AB-T Datasheet                      |
| ACS711ELCTR-12AB-T Stock                      | Buy ACS711ELCTR-12AB-T                      | Buy Allegro MicroSystems, LLC. ACS711ELCTR-12AB-T |
| Allegro MicroSystems, LLC. ACS711ELCTR-12AB-T | Allegro MicroSystems, LLC. Supplier         | Allegro MicroSystems, LLC. Distributor            |
| Allegro MicroSystems, LLC. ACS711ELCTR-12AB-T | Allegro MicroSystems Inc ACS711ELCTR-12AB-T | Allegro MicroSystems, LLC ACS711ELCTR-12AB-T      |

#### Related Products

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| <p><b>ACS710KLATR-6BB-NL-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 6A AC/DC<br/>In stock: 37884 pcs</p> <p><b>RFQ</b></p>   | <p><b>ACS711EEXLT-31AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 31A AC/DC<br/>In stock: 4876 pcs</p> <p><b>RFQ</b></p>     |
| <p><b>ACS711ELCTR-25AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 25A AC/DC<br/>In stock: 72022 pcs</p> <p><b>RFQ</b></p>    | <p><b>ACS711KEXLT-15AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 15.5A AC/DC<br/>In stock: 52095 pcs</p> <p><b>RFQ</b></p>  |
| <p><b>ACS711KLCTR-25AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 25A AC/DC<br/>In stock: 66823 pcs</p> <p><b>RFQ</b></p>    | <p><b>ACS712ELCTR-05B-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 5A AC/DC<br/>In stock: 48686 pcs</p> <p><b>RFQ</b></p>      |
| <p><b>ACS711KLCTR-12AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 12.5A AC/DC<br/>In stock: 65143 pcs</p> <p><b>RFQ</b></p>  | <p><b>ACS710KLATR-25CB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 25A AC/DC<br/>In stock: 47514 pcs</p> <p><b>RFQ</b></p>    |
| <p><b>ACS710KLATR-6BB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 6A AC/DC<br/>In stock: 45175 pcs</p> <p><b>RFQ</b></p>      | <p><b>ACS711EEXLT-15AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 15.5A AC/DC<br/>In stock: 150454 pcs</p> <p><b>RFQ</b></p> |
| <p><b>ACS710KLATR-25CB-NL-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 25A AC/DC<br/>In stock: 47791 pcs</p> <p><b>RFQ</b></p> | <p><b>ACS711KEXLT-31AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 31A AC/DC<br/>In stock: 50749 pcs</p> <p><b>RFQ</b></p>    |