



Allegro MicroSystems, LLC.



ACS712ELCTR-30A-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS712ELCTR-30A-T                                                                                            |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                   |
| Product description | SENSOR CURRENT HALL 30A AC/DC                                                                                |
| Datasheets:         |  ACS712ELCTR-30A-T.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 57328 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ACS712ELCTR-30A-T

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS712ELCTR-30A-T                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                |
| DESCRIPTION                      | SENSOR CURRENT HALL 30A AC/DC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 57328 pcs                                                                                                 |
| DATA SHEET                       |  ACS712ELCTR-30A-T.pdf |
| VOLTAGE - SUPPLY                 | 5V                                                                                                        |
| SERIES                           | -                                                                                                         |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                    |
| SENSITIVITY                      | 66mV/A                                                                                                    |
| RESPONSE TIME                    | 5µs                                                                                                       |
| POLARIZATION                     | Bidirectional                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                             |
| OUTPUT                           | Ratiometric, Voltage                                                                                      |
| OTHER NAMES                      | 620-1191-2<br>ACS712ELCTR30AT                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                              |
| NUMBER OF CHANNELS               | 1                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                |
| LINEARITY                        | ±1.5%                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| FREQUENCY                        | DC ~ 80kHz                                                                                                |
| FOR MEASURING                    | AC/DC                                                                                                     |
| DETAILED DESCRIPTION             | Current Sensor 30A 1 Channel Hall Effect, Open Loop Bidirectional 8-SOIC (0.154", 3.90mm Width)           |
| CURRENT - SUPPLY (MAX)           | 13mA                                                                                                      |
| CURRENT - SENSING                | 30A                                                                                                       |
| ACCURACY                         | ±1.5%                                                                                                     |

Related Tags

|                                              |                                            |                                                  |
|----------------------------------------------|--------------------------------------------|--------------------------------------------------|
| Allegro MicroSystems, LLC. ACS712ELCTR-30A-T | ACS712ELCTR-30A-T Distributor              | ACS712ELCTR-30A-T Supplier                       |
| ACS712ELCTR-30A-T Price                      | ACS712ELCTR-30A-T Pictures                 | ACS712ELCTR-30A-T Image                          |
| ACS712ELCTR-30A-T PDF Datasheet              | ACS712ELCTR-30A-T Download Datasheet       | ACS712ELCTR-30A-T Datasheet                      |
| ACS712ELCTR-30A-T Stock                      | Buy ACS712ELCTR-30A-T                      | Buy Allegro MicroSystems, LLC. ACS712ELCTR-30A-T |
| Allegro MicroSystems, LLC. ACS712ELCTR-30A-T | Allegro MicroSystems, LLC. Supplier        | Allegro MicroSystems, LLC. Distributor           |
| Allegro MicroSystems, LLC. ACS712ELCTR-30A-T | Allegro Microsystems Inc ACS712ELCTR-30A-T | Allegro MicroSystems, LLC ACS712ELCTR-30A-T      |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                         |
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| <div></div> <div>ACS714LLCTR-05B-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 5A AC/DC<br/>In stock: 50571 pcs</div> <div>RFQ</div>     | <div></div> <div>ACS711KEXLT-31AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 31A AC/DC<br/>In stock: 50749 pcs</div> <div>RFQ</div> |
| <div></div> <div>ACS714ELCTR-20A-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: 19899 pcs</div> <div>RFQ</div>    | <div></div> <div>ACS713ELCTR-20A-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A DC<br/>In stock: 42845 pcs</div> <div>RFQ</div>     |
| <div></div> <div>ACS712ELCTR-20A-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: 16977 pcs</div> <div>RFQ</div>    | <div></div> <div>ACS714ELCTR-05B-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 5A AC/DC<br/>In stock: 43384 pcs</div> <div>RFQ</div>   |
| <div></div> <div>ACS711KLCTR-12AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 12.5A AC/DC<br/>In stock: 65143 pcs</div> <div>RFQ</div> | <div></div> <div>ACS714ELCTR-30A-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 30A AC/DC<br/>In stock: 53421 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ACS711KEXLT-15AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 15.5A AC/DC<br/>In stock: 52095 pcs</div> <div>RFQ</div> | <div></div> <div>ACS713ELCTR-30A-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 30A DC<br/>In stock: 43869 pcs</div> <div>RFQ</div>     |
| <div></div> <div>ACS712ELCTR-05B-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 5A AC/DC<br/>In stock: 48686 pcs</div> <div>RFQ</div>     | <div></div> <div>ACS711KLCTR-25AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 25A AC/DC<br/>In stock: 66823 pcs</div> <div>RFQ</div> |