



Allegro MicroSystems, LLC.

### ACS710KLATR-25CB-T

Part Number: ACS710KLATR-25CB-T  
 Manufacturer/Brand: Allegro MicroSystems, LLC.  
 Product description: SENSOR CURRENT HALL 25A AC/DC  
 Datasheets: [PDF ACS710KLATR-25CB-T.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 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 ACS710KLATR-25CB-T

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | ACS710KLATR-25CB-T   |
| MANUFACTURER                     | Allegro MicroSystems, LLC.   |
| DESCRIPTION                      | SENSOR CURRENT HALL 25A AC/DC  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       | <a href="#">PDF ACS710KLATR-25CB-T.pdf</a>   |
| VOLTAGE - SUPPLY                 | 3 V ~ 5.5 V  |
| SERIES                           | -  |
| SENSOR TYPE                      | Hall Effect, Open Loop   |
| SENSITIVITY                      | 28mV/A   |
| RESPONSE TIME                    | 4µs  |
| POLARIZATION                     | Bidirectional  |
| PACKAGING                        | Tape & Reel (TR)   |
| PACKAGE / CASE                   | 16-SOIC (0.295", 7.50mm Width)   |
| OUTPUT                           | Ratiometric, Voltage   |
| OTHER NAMES                      | 620-1334-2<br>ACS710KLATR25CBT   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C  |
| NUMBER OF CHANNELS               | 1  |
| MOUNTING TYPE                    | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| LINEARITY                        | ±0.25%   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| FREQUENCY                        | DC ~ 120kHz  |
| FOR MEASURING                    | AC/DC  |
| DETAILED DESCRIPTION             | Current Sensor 25A 1 Channel Hall Effect, Open Loop Bidirectional 16-SOIC (0.295", 7.50mm Width) |
| CURRENT - SUPPLY (MAX)           | 14.5mA   |
| CURRENT - SENSING                | 25A  |
| ACCURACY                         | ±2.9%  |

#### Related Tags

|   |   |   |
|---|---|---|
| Allegro MicroSystems, LLC. ACS710KLATR-25CB-T | ACS710KLATR-25CB-T Distributor              | ACS710KLATR-25CB-T Supplier                       |
| ACS710KLATR-25CB-T Price                      | ACS710KLATR-25CB-T Pictures                 | ACS710KLATR-25CB-T Image                          |
| ACS710KLATR-25CB-T PDF Datasheet              | ACS710KLATR-25CB-T Download Datasheet       | ACS710KLATR-25CB-T Datasheet                      |
| ACS710KLATR-25CB-T Stock                      | Buy ACS710KLATR-25CB-T                      | Buy Allegro MicroSystems, LLC. ACS710KLATR-25CB-T |
| Allegro MicroSystems, LLC. ACS710KLATR-25CB-T | Allegro MicroSystems, LLC. Supplier         | Allegro MicroSystems, LLC. Distributor            |
| Allegro MicroSystems, LLC. ACS710KLATR-25CB-T | Allegro Microsystems Inc ACS710KLATR-25CB-T | Allegro MicroSystems, LLC ACS710KLATR-25CB-T      |

#### Related Products

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| <p><b>ACS710KLATR-12CB-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 12.5A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>    | <p><b>ACS711ELCTR-25AB-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 25A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>          |
| <p><b>ACS711ELCTR-12AB-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 12.5A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>    | <p><b>ACS710KLATR-10BB-NL-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT 10A<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                  |
| <p><b>ACS710KLATR-10BB-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT 10A<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                 | <p><b>ACS711EEXLT-15AB-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 15.5A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>        |
| <p><b>ACS710KLATR-6BB-NL-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 6A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>     | <p><b>ACS71020KMABTR-090B3-I2C</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SINGLE PHASE, ISOLATED, POWER MO<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>ACS710KLATR-12CB-NL-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 12.5A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>ACS711EEXLT-31AB-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 31A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>          |
| <p><b>ACS710KLATR-6BB-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 6A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>        | <p><b>ACS710KLATR-25CB-NL-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 25A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>       |

