



Allegro MicroSystems, LLC.



Image may be representation. See specifications for product details.

ACS725KMATR-30AB-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS725KMATR-30AB-T                                                                                           |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                   |
| Product description | SENSOR CURRENT HALL 30A AC/DC                                                                                |
| Datasheets:         |  ACS725KMATR-30AB-T.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 42519 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ACS725KMATR-30AB-T

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS725KMATR-30AB-T                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                 |
| DESCRIPTION                      | SENSOR CURRENT HALL 30A AC/DC                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 42519 pcs                                                                                                  |
| DATA SHEET                       |  ACS725KMATR-30AB-T.pdf |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V                                                                                                |
| SERIES                           | -                                                                                                          |
| SENSOR TYPE                      | Hall Effect, Differential                                                                                  |
| SENSITIVITY                      | 44mV/A                                                                                                     |
| RESPONSE TIME                    | 4µs                                                                                                        |
| POLARIZATION                     | Bidirectional                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                   | 16-SOIC (0.295", 7.50mm Width)                                                                             |
| OUTPUT                           | Ratiometric, Voltage                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 ~ 120kHz                                                                                                |
| FOR MEASURING                    | AC/DC                                                                                                      |
| DETAILED DESCRIPTION             | Current Sensor 30A 1 Channel Hall Effect, Differential Bidirectional 16-SOIC (0.295", 7.50mm Width)        |
| CURRENT - SUPPLY (MAX)           | 14mA                                                                                                       |
| CURRENT - SENSING                | 30A                                                                                                        |
| ACCURACY                         | ±1%                                                                                                        |

Related Tags

|                                               |                                             |                                                   |
|-----------------------------------------------|---------------------------------------------|---------------------------------------------------|
| Allegro MicroSystems, LLC. ACS725KMATR-30AB-T | ACS725KMATR-30AB-T Distributor              | ACS725KMATR-30AB-T Supplier                       |
| ACS725KMATR-30AB-T Price                      | ACS725KMATR-30AB-T Pictures                 | ACS725KMATR-30AB-T Image                          |
| ACS725KMATR-30AB-T PDF Datasheet              | ACS725KMATR-30AB-T Download Datasheet       | ACS725KMATR-30AB-T Datasheet                      |
| ACS725KMATR-30AB-T Stock                      | Buy ACS725KMATR-30AB-T                      | Buy Allegro MicroSystems, LLC. ACS725KMATR-30AB-T |
| Allegro MicroSystems, LLC. ACS725KMATR-30AB-T | Allegro MicroSystems, LLC. Supplier         | Allegro MicroSystems, LLC. Distributor            |
| Allegro MicroSystems, LLC. ACS725KMATR-30AB-T | Allegro Microsystems Inc ACS725KMATR-30AB-T | Allegro MicroSystems, LLC ACS725KMATR-30AB-T      |

Related Products

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| <div></div> <div>ACS724LMATR-30AU-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 38460 pcs</div> <div>RFQ</div> | <div></div> <div>ACS725LLCTR-20AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: 14671 pcs</div> <div>RFQ</div>    |
| <div></div> <div>ACS724LMATR-30AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 34053 pcs</div> <div>RFQ</div> | <div></div> <div>ACS725KMATR-20AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: 35628 pcs</div> <div>RFQ</div>    |
| <div></div> <div>ACS725KMATR-30AU-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 30A DC<br/>In stock: 37347 pcs</div> <div>RFQ</div>       | <div></div> <div>ACS725LLCTR-10AU-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 10A DC<br/>In stock: 42080 pcs</div> <div>RFQ</div>       |
| <div></div> <div>ACS724LMATR-50AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 34700 pcs</div> <div>RFQ</div> | <div></div> <div>ACS724LMATR-20AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 34233 pcs</div> <div>RFQ</div> |
| <div></div> <div>ACS725LLCTR-20AU-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A DC<br/>In stock: 38167 pcs</div> <div>RFQ</div>       | <div></div> <div>ACS724LMATR-50AU-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 37898 pcs</div> <div>RFQ</div> |
| <div></div> <div>ACS725LLCTR-30AU-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 30A DC<br/>In stock: 50254 pcs</div> <div>RFQ</div>       | <div></div> <div>ACS725LLCTR-30AB-T</div> <div>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 30A AC/DC<br/>In stock: 18566 pcs</div> <div>RFQ</div>    |