



Allegro MicroSystems, LLC.



Image may be representation. See specifications for product details.

ACS717KMATR-10B-T

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS717KMATR-10B-T                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                              |
| Product description | SENSOR CURRENT HALL 10A AC/DC                                                                                           |
| Datasheets:         |  <a href="#">ACS717KMATR-10B-T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Specifications of ACS717KMATR-10B-T

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS717KMATR-10B-T                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                                |
| DESCRIPTION                      | SENSOR CURRENT HALL 10A AC/DC                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DATA SHEET                       |  <a href="#">ACS717KMATR-10B-T.pdf</a> |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V                                                                                                               |
| SERIES                           | -                                                                                                                         |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                                    |
| SENSITIVITY                      | 132mV/A                                                                                                                   |
| RESPONSE TIME                    | 13μs                                                                                                                      |
| POLARIZATION                     | Bidirectional                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                          |
| PACKAGE / CASE                   | 16-SOIC (0.295", 7.50mm Width)                                                                                            |
| OUTPUT                           | Ratiometric, Voltage                                                                                                      |
| OTHER NAMES                      | 620-1711-2                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                             |
| NUMBER OF CHANNELS               | 1                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                                                                  |
| LINEARITY                        | ±1%                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| FREQUENCY                        | 40kHz                                                                                                                     |
| FOR MEASURING                    | AC/DC                                                                                                                     |
| DETAILED DESCRIPTION             | Current Sensor 10A 1 Channel Hall Effect, Open Loop Bidirectional 16-SOIC (0.295", 7.50mm Width)                          |
| CURRENT - SUPPLY (MAX)           | 7.5mA                                                                                                                     |
| CURRENT - SENSING                | 10A                                                                                                                       |
| ACCURACY                         | ±2%                                                                                                                       |

Related Tags

|                                              |                                            |                                                  |
|----------------------------------------------|--------------------------------------------|--------------------------------------------------|
| Allegro MicroSystems, LLC. ACS717KMATR-10B-T | ACS717KMATR-10B-T Distributor              | ACS717KMATR-10B-T Supplier                       |
| ACS717KMATR-10B-T Price                      | ACS717KMATR-10B-T Pictures                 | ACS717KMATR-10B-T Image                          |
| ACS717KMATR-10B-T PDF Datasheet              | ACS717KMATR-10B-T Download Datasheet       | ACS717KMATR-10B-T Datasheet                      |
| ACS717KMATR-10B-T Stock                      | Buy ACS717KMATR-10B-T                      | Buy Allegro MicroSystems, LLC. ACS717KMATR-10B-T |
| Allegro MicroSystems, LLC. ACS717KMATR-10B-T | Allegro MicroSystems, LLC. Supplier        | Allegro MicroSystems, LLC. Distributor           |
| Allegro MicroSystems, LLC. ACS717KMATR-10B-T | Allegro Microsystems Inc ACS717KMATR-10B-T | Allegro MicroSystems, LLC ACS717KMATR-10B-T      |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ACS717KMATR-20B-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ACS720KLATR-65AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |
| <div></div> <div><b>ACS718KMATR-20B-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>ACS716KLATR-25CB-NL-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 25A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>ACS716KLATR-6BB-NL-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 6A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>ACS716KLATR-12CB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 12.5A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ACS720KLATR-15AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR<br/>In stock: Out stock<br/><div>RFQ</div></div>                 | <div></div> <div><b>ACS716KLATR-9BB-NL-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>ACS720KLATR-35AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR<br/>In stock: Out stock<br/><div>RFQ</div></div>                 | <div></div> <div><b>ACS716KLATR-6BB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 6A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>ACS716KLATR-25CB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 25A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>ACS718KMATR-10B-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 10A AC/DC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |