



Allegro MicroSystems, LLC.



ACS759LCB-050B-PFF-T

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS759LCB-050B-PFF-T                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                                 |
| Product description | SENSOR CURRENT HALL 50A AC/DC                                                                                              |
| Datasheets:         |  <a href="#">ACS759LCB-050B-PFF-T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 11612 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

Specifications of ACS759LCB-050B-PFF-T

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS759LCB-050B-PFF-T                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                                   |
| DESCRIPTION                      | SENSOR CURRENT HALL 50A AC/DC                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 11612 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">ACS759LCB-050B-PFF-T.pdf</a> |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V                                                                                                                  |
| SERIES                           | -                                                                                                                            |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                                       |
| SENSITIVITY                      | 26.4mV/A                                                                                                                     |
| RESPONSE TIME                    | 4µs                                                                                                                          |
| POLARIZATION                     | Bidirectional                                                                                                                |
| PACKAGING                        | Tube                                                                                                                         |
| PACKAGE / CASE                   | 5-CB Formed Leads, PFF                                                                                                       |
| OUTPUT                           | Ratiometric, Voltage                                                                                                         |
| OTHER NAMES                      | 620-1467-5<br>ACS759LCB050BPFFT                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 150°C                                                                                                                |
| NUMBER OF CHANNELS               | 1                                                                                                                            |
| MOUNTING TYPE                    | Through Hole                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                |
| LINEARITY                        | ±1%                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| FREQUENCY                        | DC ~ 120kHz                                                                                                                  |
| FOR MEASURING                    | AC/DC                                                                                                                        |
| DETAILED DESCRIPTION             | Current Sensor 50A 1 Channel Hall Effect, Open Loop Bidirectional 5-CB Formed Leads, PFF                                     |
| CURRENT - SUPPLY (MAX)           | 13.5mA                                                                                                                       |
| CURRENT - SENSING                | 50A                                                                                                                          |
| ACCURACY                         | ±3.5%                                                                                                                        |

Related Tags

|                                                 |                                               |                                                     |
|-------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|
| Allegro MicroSystems, LLC. ACS759LCB-050B-PFF-T | ACS759LCB-050B-PFF-T Distributor              | ACS759LCB-050B-PFF-T Supplier                       |
| ACS759LCB-050B-PFF-T Price                      | ACS759LCB-050B-PFF-T Pictures                 | ACS759LCB-050B-PFF-T Image                          |
| ACS759LCB-050B-PFF-T PDF Datasheet              | ACS759LCB-050B-PFF-T Download Datasheet       | ACS759LCB-050B-PFF-T Datasheet                      |
| ACS759LCB-050B-PFF-T Stock                      | Buy ACS759LCB-050B-PFF-T                      | Buy Allegro MicroSystems, LLC. ACS759LCB-050B-PFF-T |
| Allegro MicroSystems, LLC. ACS759LCB-050B-PFF-T | Allegro MicroSystems, LLC. Supplier           | Allegro MicroSystems, LLC. Distributor              |
| Allegro MicroSystems, LLC. ACS759LCB-050B-PFF-T | Allegro Microsystems Inc ACS759LCB-050B-PFF-T | Allegro MicroSystems, LLC ACS759LCB-050B-PFF-T      |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>ACS764XLFTR-16AU-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 16A DC<br/>In stock: 3137 pcs</div><div>RFQ</div></div>        | <div><div><b>ACS759KCB-150B-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 150A AC/DC<br/>In stock: 12764 pcs</div><div>RFQ</div></div> |
| <div><div><b>ACS759LCB-100B-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 100A AC/DC<br/>In stock: 13040 pcs</div><div>RFQ</div></div> | <div><div><b>ACS770ECB-200B-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 200A AC/DC<br/>In stock: 9988 pcs</div><div>RFQ</div></div>  |
| <div><div><b>ACS758LCB-100U-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 100A DC<br/>In stock: 11758 pcs</div><div>RFQ</div></div>    | <div><div><b>ACS759ECB-200B-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 200A AC/DC<br/>In stock: 10032 pcs</div><div>RFQ</div></div> |
| <div><div><b>ACS758LCB-050U-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 50A DC<br/>In stock: 10832 pcs</div><div>RFQ</div></div>     | <div><div><b>ACS770ECB-200U-PSF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: LINEAR CURRENT SENSOR<br/>In stock: 19817 pcs</div><div>RFQ</div></div>          |
| <div><div><b>ACS770ECB-200U-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 200A DC<br/>In stock: 13036 pcs</div><div>RFQ</div></div>    | <div><div><b>ACS758LCB-100B-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 100A AC/DC<br/>In stock: 12981 pcs</div><div>RFQ</div></div> |
| <div><div><b>ACS764XLFTR-32AU-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 32A DC<br/>In stock: 5324 pcs</div><div>RFQ</div></div>        | <div><div><b>ACS758LCB-050B-PFF-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 50A AC/DC<br/>In stock: 10393 pcs</div><div>RFQ</div></div>  |