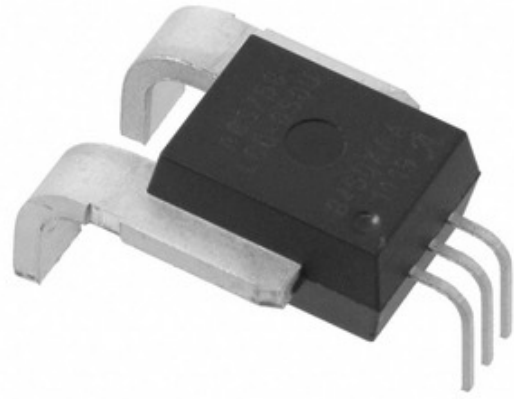




Allegro MicroSystems, LLC.

### ACS758LCB-100U-PFF-T

Part Number: ACS758LCB-100U-PFF-T  
 Manufacturer/Brand: Allegro MicroSystems, LLC.  
 Product description: SENSOR CURRENT HALL 100A DC  
 Datasheets: [ACS758LCB-100U-PFF-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 ACS758LCB-100U-PFF-T

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | ACS758LCB-100U-PFF-T   |
| MANUFACTURER                     | Allegro MicroSystems, LLC.   |
| DESCRIPTION                      | SENSOR CURRENT HALL 100A DC  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       | <a href="#">ACS758LCB-100U-PFF-T.pdf</a>   |
| VOLTAGE - SUPPLY                 | 3 V ~ 5.5 V  |
| SERIES                           | Automotive, AEC-Q100   |
| SENSOR TYPE                      | Hall Effect, Open Loop   |
| SENSITIVITY                      | 40mV/A   |
| RESPONSE TIME                    | 4µs  |
| POLARIZATION                     | Unidirectional   |
| PACKAGING                        | Tube   |
| PACKAGE / CASE                   | 5-CB Formed Leads, PFF   |
| OUTPUT                           | Ratiometric, Voltage   |
| OTHER NAMES                      | 620-1354<br>ACS758LCB100UPFFT  |
| OPERATING TEMPERATURE            | -40°C ~ 150°C  |
| NUMBER OF CHANNELS               | 1  |
| MOUNTING TYPE                    | Through Hole   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)  |
| LINEARITY                        | ±1.25%   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| FREQUENCY                        | DC ~ 120kHz  |
| FOR MEASURING                    | DC   |
| DETAILED DESCRIPTION             | Current Sensor 100A 1 Channel Hall Effect, Open Loop Unidirectional 5-CB Formed Leads, PFF |
| CURRENT - SUPPLY (MAX)           | 13.5mA   |
| CURRENT - SENSING                | 100A   |
| ACCURACY                         | ±2.4%  |

#### Related Tags

|   |   |   |
|---|---|---|
| Allegro MicroSystems, LLC. ACS758LCB-100U-PFF-T | ACS758LCB-100U-PFF-T Distributor              | ACS758LCB-100U-PFF-T Supplier                       |
| ACS758LCB-100U-PFF-T Price                      | ACS758LCB-100U-PFF-T Pictures                 | ACS758LCB-100U-PFF-T Image                          |
| ACS758LCB-100U-PFF-T PDF Datasheet              | ACS758LCB-100U-PFF-T Download Datasheet       | ACS758LCB-100U-PFF-T Datasheet                      |
| ACS758LCB-100U-PFF-T Stock                      | Buy ACS758LCB-100U-PFF-T                      | Buy Allegro MicroSystems, LLC. ACS758LCB-100U-PFF-T |
| Allegro MicroSystems, LLC. ACS758LCB-100U-PFF-T | Allegro MicroSystems, LLC. Supplier           | Allegro MicroSystems, LLC. Distributor              |
| Allegro MicroSystems, LLC. ACS758LCB-100U-PFF-T | Allegro Microsystems Inc ACS758LCB-100U-PFF-T | Allegro MicroSystems, LLC ACS758LCB-100U-PFF-T      |

#### Related Products

|  |  |
|--|--|
| <p><b>ACS758KCB-150U-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 150A DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>    | <p><b>ACS759LCB-050B-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 50A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  |
| <p><b>ACS759KCB-150B-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 150A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>ACS764XLFTR-32AU-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 32A DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>       |
| <p><b>ACS758LCB-100B-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 100A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>ACS758LCB-050U-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 50A DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>     |
| <p><b>ACS759LCB-100B-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 100A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>ACS759ECB-200B-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 200A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>ACS764XLFTR-16AU-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 16A DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>       | <p><b>ACS758KCB-150B-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 150A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>ACS758KCB-150B-PSS-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 150A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>ACS758LCB-050B-PFF-T</b><br/>                 Manufacturers: Allegro MicroSystems, LLC.<br/>                 Description: SENSOR CURRENT HALL 50A AC/DC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  |

