



Allegro MicroSystems, LLC.



Image may be representation. See specifications for product details.

ACS726LLFTR-40B-T

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS726LLFTR-40B-T                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                              |
| Product description | SENSOR CURRENT HALL 40A AC/DC                                                                                           |
| Datasheets:         |  <a href="#">ACS726LLFTR-40B-T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 43604 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Specifications of ACS726LLFTR-40B-T

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS726LLFTR-40B-T                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                                |
| DESCRIPTION                      | SENSOR CURRENT HALL 40A AC/DC                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 43604 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">ACS726LLFTR-40B-T.pdf</a> |
| VOLTAGE - SUPPLY                 | 3 V ~ 3.6 V                                                                                                               |
| SERIES                           | -                                                                                                                         |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                                    |
| SENSITIVITY                      | 50mV/A                                                                                                                    |
| RESPONSE TIME                    | 5μs                                                                                                                       |
| POLARIZATION                     | Bidirectional                                                                                                             |
| PACKAGING                        | Tape & Reel (TR)                                                                                                          |
| PACKAGE / CASE                   | 24-SSOP (0.154", 3.90mm Width)                                                                                            |
| OUTPUT                           | Ratiometric, Voltage                                                                                                      |
| OTHER NAMES                      | 620-1649-2<br>ACS726LLFTR-40AB-T                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 150°C                                                                                                             |
| NUMBER OF CHANNELS               | 1                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                |
| LINEARITY                        | ±0.5%                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| FREQUENCY                        | DC ~ 120kHz                                                                                                               |
| FOR MEASURING                    | AC/DC                                                                                                                     |
| DETAILED DESCRIPTION             | Current Sensor 40A 1 Channel Hall Effect, Open Loop Bidirectional 24-SSOP (0.154", 3.90mm Width)                          |
| CURRENT - SUPPLY (MAX)           | 40mA                                                                                                                      |
| CURRENT - SENSING                | 40A                                                                                                                       |
| ACCURACY                         | ±1%                                                                                                                       |

Related Tags

|                                              |                                            |                                                  |
|----------------------------------------------|--------------------------------------------|--------------------------------------------------|
| Allegro MicroSystems, LLC. ACS726LLFTR-40B-T | ACS726LLFTR-40B-T Distributor              | ACS726LLFTR-40B-T Supplier                       |
| ACS726LLFTR-40B-T Price                      | ACS726LLFTR-40B-T Pictures                 | ACS726LLFTR-40B-T Image                          |
| ACS726LLFTR-40B-T PDF Datasheet              | ACS726LLFTR-40B-T Download Datasheet       | ACS726LLFTR-40B-T Datasheet                      |
| ACS726LLFTR-40B-T Stock                      | Buy ACS726LLFTR-40B-T                      | Buy Allegro MicroSystems, LLC. ACS726LLFTR-40B-T |
| Allegro MicroSystems, LLC. ACS726LLFTR-40B-T | Allegro MicroSystems, LLC. Supplier        | Allegro MicroSystems, LLC. Distributor           |
| Allegro MicroSystems, LLC. ACS726LLFTR-40B-T | Allegro Microsystems Inc ACS726LLFTR-40B-T | Allegro MicroSystems, LLC ACS726LLFTR-40B-T      |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>ACS730KLCTR-50AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: 1MHZ BANDWIDTH INTEGRATED, HALL<br/>In stock: 55454 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ACS725LMATR-50AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 34845 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ACS725LMATR-20AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 35077 pcs</div> <div>RFQ</div> | <div></div> <div><b>ACS725LLCTR-50AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 50A AC/DC<br/>In stock: 48019 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>ACS733KLATR-40AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: AUTOMOTIVE GRADE HIGH BANDWIDTH<br/>In stock: 16945 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ACS732KLATR-40AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: AUTOMOTIVE GRADE HIGH BANDWIDTH<br/>In stock: 15450 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ACS726LLFTR-20B-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: 16141 pcs</div> <div>RFQ</div>     | <div></div> <div><b>ACS730KLCTR-20AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: 1MHZ BANDWIDTH INTEGRATED, HALL<br/>In stock: 49909 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ACS725LMATR-30AU-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 35261 pcs</div> <div>RFQ</div> | <div></div> <div><b>ACS733KLATR-40AU-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: AUTOMOTIVE GRADE HIGH BANDWIDTH<br/>In stock: 14890 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ACS730KLCTR-40AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: 1MHZ BANDWIDTH INTEGRATED, HALL<br/>In stock: 46044 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ACS725LMATR-30AB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: CURRENT SENSOR W/COMMON-MODE FIE<br/>In stock: 34395 pcs</div> <div>RFQ</div> |