



Allegro MicroSystems, LLC.

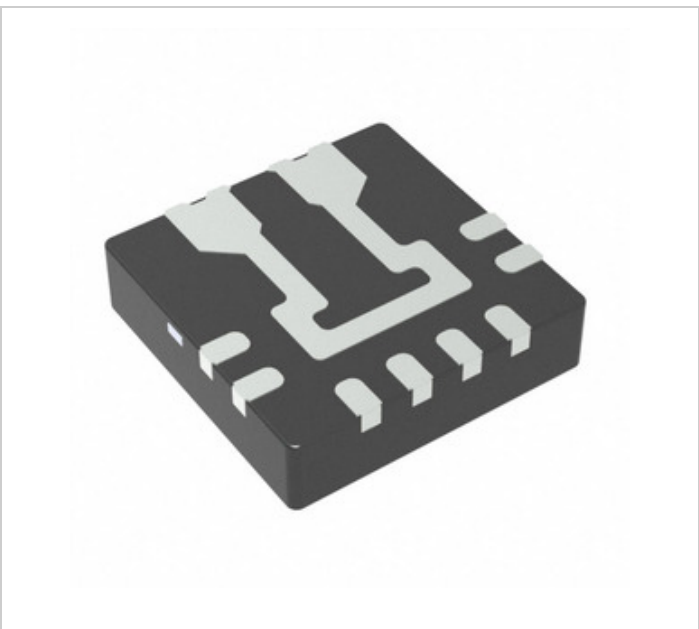


Image may be representation. See specifications for product details.

### ACS70331EESATR-005B3

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS70331EESATR-005B3                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                                 |
| Product description | HIGH SENSITIVITY, 1 MHZ, GMR-BAS                                                                                           |
| Datasheets:         |  <a href="#">ACS70331EESATR-005B3.pdf</a> |
| Stock Condition     | 142099 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

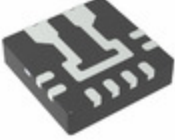
#### Specifications of ACS70331EESATR-005B3

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS70331EESATR-005B3                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                                   |
| DESCRIPTION                      | HIGH SENSITIVITY, 1 MHZ, GMR-BAS                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                              |
| QUANTITY AVAILABLE               | 142099 pcs                                                                                                                   |
| DATA SHEET                       |  <a href="#">ACS70331EESATR-005B3.pdf</a> |
| VOLTAGE - SUPPLY                 | 3 V ~ 4.5 V                                                                                                                  |
| SERIES                           | ACS70331                                                                                                                     |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                                       |
| SENSITIVITY                      | 200mv/A                                                                                                                      |
| RESPONSE TIME                    | 535ns                                                                                                                        |
| POLARIZATION                     | Bidirectional                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                             |
| PACKAGE / CASE                   | 12-PowerWQFN                                                                                                                 |
| OUTPUT                           | Ratiometric, Voltage                                                                                                         |
| OTHER NAMES                      | 620-1887-2                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                 |
| NUMBER OF CHANNELS               | 1                                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                                   |
| LINEARITY                        | ±0.2%                                                                                                                        |
| FREQUENCY                        | DC ~ 1MHz                                                                                                                    |
| FOR MEASURING                    | AC/DC                                                                                                                        |
| DETAILED DESCRIPTION             | Current Sensor 5A 1 Channel Hall Effect, Open Loop Bidirectional 12-PowerWQFN                                                |
| CURRENT - SUPPLY (MAX)           | 6mA                                                                                                                          |
| CURRENT - SENSING                | 5A                                                                                                                           |
| ACCURACY                         | ±2%                                                                                                                          |

#### Related Tags

|                                                 |                                               |                                                     |
|-------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|
| Allegro MicroSystems, LLC. ACS70331EESATR-005B3 | ACS70331EESATR-005B3 Distributor              | ACS70331EESATR-005B3 Supplier                       |
| ACS70331EESATR-005B3 Price                      | ACS70331EESATR-005B3 Pictures                 | ACS70331EESATR-005B3 Image                          |
| ACS70331EESATR-005B3 PDF Datasheet              | ACS70331EESATR-005B3 Download Datasheet       | ACS70331EESATR-005B3 Datasheet                      |
| ACS70331EESATR-005B3 Stock                      | Buy ACS70331EESATR-005B3                      | Buy Allegro MicroSystems, LLC. ACS70331EESATR-005B3 |
| Allegro MicroSystems, LLC. ACS70331EESATR-005B3 | Allegro MicroSystems, LLC. Supplier           | Allegro MicroSystems, LLC. Distributor              |
| Allegro MicroSystems, LLC. ACS70331EESATR-005B3 | Allegro Microsystems Inc ACS70331EESATR-005B3 | Allegro MicroSystems, LLC ACS70331EESATR-005B3      |

#### Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                               |
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| <div></div> <div><b>ACS60US48</b><br/>Manufacturers: XP Power<br/>Description: AC/DC CONVERTER 48V 60W<br/>In stock: 1472 pcs</div> <div>RFQ</div>                             | <div></div> <div><b>ACS70331EESATR-2P5B3</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: HIGH SENSITIVITY, 1 MHZ, GMR-BAS<br/>In stock: 124903 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ACS60US12</b><br/>Manufacturers: XP Power<br/>Description: AC/DC CONVERTER 12V 60W<br/>In stock: 1797 pcs</div> <div>RFQ</div>                             | <div></div> <div><b>ACS704ELC-005</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 5A AC/DC<br/>In stock: 3927 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>ACS60US05</b><br/>Manufacturers: XP Power<br/>Description: AC/DC CONVERTER 5V 40W<br/>In stock: 1992 pcs</div> <div>RFQ</div>                              | <div></div> <div><b>ACS70331EESATR-005U3</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: HIGH SENSITIVITY, 1 MHZ, GMR-BAS<br/>In stock: 152634 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ACS60US15</b><br/>Manufacturers: XP Power<br/>Description: AC/DC CONVERTER 15V 60W<br/>In stock: 1817 pcs</div> <div>RFQ</div>                             | <div></div> <div><b>ACS60US24</b><br/>Manufacturers: XP Power<br/>Description: AC/DC CONVERTER 24V 60W<br/>In stock: 1907 pcs</div> <div>RFQ</div>                                         |
| <div></div> <div><b>ACS704ELC-015</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 15A AC/DC<br/>In stock: 4065 pcs</div> <div>RFQ</div> | <div></div> <div><b>ACS706ELC-05C</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 5A AC/DC<br/>In stock: 3144 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>ACS60US09</b><br/>Manufacturers: XP Power<br/>Description: AC/DC CONVERTER 9V 60W<br/>In stock: 1983 pcs</div> <div>RFQ</div>                              | <div></div> <div><b>ACS70331EESATR-2P5U3</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: HIGH SENSITIVITY, 1 MHZ, GMR-BAS<br/>In stock: 66046 pcs</div> <div>RFQ</div>  |