



Allegro MicroSystems, LLC.



ACS706ELC-05C

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ACS706ELC-05C                                                                                                       |
| Manufacturer/Brand: | Allegro MicroSystems, LLC.                                                                                          |
| Product description | SENSOR CURRENT HALL 5A AC/DC                                                                                        |
| Datasheets:         |  <a href="#">ACS706ELC-05C.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 3144 pcs stock                                                                                                      |
| 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 ACS706ELC-05C

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ACS706ELC-05C                                                                                                         |
| MANUFACTURER                     | Allegro MicroSystems, LLC.                                                                                            |
| DESCRIPTION                      | SENSOR CURRENT HALL 5A AC/DC                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 3144 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">ACS706ELC-05C.pdf</a> |
| VOLTAGE - SUPPLY                 | 5V                                                                                                                    |
| SERIES                           | -                                                                                                                     |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                                |
| SENSITIVITY                      | 133mV/A                                                                                                               |
| RESPONSE TIME                    | 6µs                                                                                                                   |
| POLARIZATION                     | Bidirectional                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                         |
| OUTPUT                           | Ratiometric, Voltage                                                                                                  |
| OTHER NAMES                      | 620-1164-2<br>ACS706ELC-005                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                          |
| NUMBER OF CHANNELS               | 1                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                         |
| LINEARITY                        | ±1%                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| FREQUENCY                        | DC ~ 50kHz                                                                                                            |
| FOR MEASURING                    | AC/DC                                                                                                                 |
| DETAILED DESCRIPTION             | Current Sensor 5A 1 Channel Hall Effect, Open Loop Bidirectional 8-SOIC (0.154", 3.90mm Width)                        |
| CURRENT - SUPPLY (MAX)           | 10mA                                                                                                                  |
| CURRENT - SENSING                | 5A                                                                                                                    |
| ACCURACY                         | ±1.5%                                                                                                                 |

Related Tags

|                                          |                                        |                                              |
|------------------------------------------|----------------------------------------|----------------------------------------------|
| Allegro MicroSystems, LLC. ACS706ELC-05C | ACS706ELC-05C Distributor              | ACS706ELC-05C Supplier                       |
| ACS706ELC-05C Price                      | ACS706ELC-05C Pictures                 | ACS706ELC-05C Image                          |
| ACS706ELC-05C PDF Datasheet              | ACS706ELC-05C Download Datasheet       | ACS706ELC-05C Datasheet                      |
| ACS706ELC-05C Stock                      | Buy ACS706ELC-05C                      | Buy Allegro MicroSystems, LLC. ACS706ELC-05C |
| Allegro MicroSystems, LLC. ACS706ELC-05C | Allegro MicroSystems, LLC. Supplier    | Allegro MicroSystems, LLC. Distributor       |
| Allegro MicroSystems, LLC. ACS706ELC-05C | Allegro Microsystems Inc ACS706ELC-05C | Allegro MicroSystems, LLC ACS706ELC-05C      |

Related Products

|                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ACS709LLFTR-6BB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 6A AC/DC<br/>In stock: 56234 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>ACS709LLFTR-35BB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 37.5A AC/DC<br/>In stock: 55091 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></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<br/><div>RFQ</div></div>     | <div></div> <div><b>ACS70331EESATR-005B3</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: HIGH SENSITIVITY, 1 MHZ, GMR-BAS<br/>In stock: 142099 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div>    | <div></div> <div><b>ACS71020KMABTR-030B3-I2C</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SINGLE PHASE, ISOLATED, POWER MO<br/>In stock: 51283 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ACS71020KMABTR-015B5-SPI</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SINGLE PHASE, ISOLATED, POWER MO<br/>In stock: 20764 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ACS709LLFTR-20BB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT HALL 20A AC/DC<br/>In stock: 61374 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>ACS709LLFTR-10BB-T</b><br/>Manufacturers: Allegro MicroSystems, LLC.<br/>Description: SENSOR CURRENT 10A<br/>In stock: 61978 pcs<br/><div>RFQ</div></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<br/><div>RFQ</div></div>    |