



Allegro MicroSystems, LLC.

## ACS780LLRTR-050U-T

Part Number:	ACS780LLRTR-050U-T
Manufacturer/Brand:	Allegro MicroSystems, LLC.
Product description:	HIGH-PRECISION LINEAR HALL-EFFEC
Datasheets:	ACS780LLRTR-050U-T.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	19314 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 ACS780LLRTR-050U-T

PART NUMBER	ACS780LLRTR-050U-T
MANUFACTURER	Allegro MicroSystems, LLC.
DESCRIPTION	HIGH-PRECISION LINEAR HALL-EFFEC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19314 pcs
DATA SHEET	ACS780LLRTR-050U-T.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
SERIES	Automotive, AEC-Q100
SENSOR TYPE	Hall Effect, Differential
SENSITIVITY	60mV/A
RESPONSE TIME	3.6µs
POLARIZATION	Unidirectional
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	7-PowerSMD Module
OUTPUT	Ratiometric, Voltage
OTHER NAMES	620-1818-1
OPERATING TEMPERATURE	-40°C ~ 150°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LINEARITY	±1%
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	DC ~ 120kHz
FOR MEASURING	DC
DETAILED DESCRIPTION	Current Sensor 50A 1 Channel Hall Effect, Differential Unidirectional 7-PowerSMD Module
CURRENT - SUPPLY (MAX)	15mA
CURRENT - SENSING	50A
ACCURACY	±1.5%

### Related Tags

Allegro MicroSystems, LLC. ACS780LLRTR-050U-T	ACS780LLRTR-050U-T Distributor	ACS780LLRTR-050U-T Supplier
ACS780LLRTR-050U-T Price	ACS780LLRTR-050U-T Pictures	ACS780LLRTR-050U-T Image
ACS780LLRTR-050U-T PDF Datasheet	ACS780LLRTR-050U-T Download Datasheet	ACS780LLRTR-050U-T Datasheet
ACS780LLRTR-050U-T Stock	Buy ACS780LLRTR-050U-T	Buy Allegro MicroSystems, LLC. ACS780LLRTR-050U-T
Allegro MicroSystems, LLC. ACS780LLRTR-050U-T	Allegro MicroSystems, LLC. Supplier	Allegro MicroSystems, LLC. Distributor
Allegro MicroSystems, LLC. ACS780LLRTR-050U-T	Allegro MicroSystems Inc ACS780LLRTR-050U-T	Allegro MicroSystems, LLC ACS780LLRTR-050U-T

### Related Products

<p><b>ACS780LLRTR-100B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 43484 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS780KLRTR-150U-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 42226 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS781LLRTR-050B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 51163 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS780KLRTR-150B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: THERMALLY ENHANCED CURRENT SENSO In stock: 51752 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS780LLRTR-050B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 18555 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS780LLRTR-100U-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 15960 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS781LLRTR-050U-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 49663 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS770LCB-100B-PFF-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 100A AC/DC In stock: 11324 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS781KLRTR-150B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 14745 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS770LCB-100U-PFF-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 100A DC In stock: 10311 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS770LCB-100U-PSF-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: LINEAR CURRENT SENSOR In stock: 6052 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS781KLRTR-150U-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: THERMALLY ENHANCED CURRENT SENSO In stock: 16970 pcs</p> <p><b>RFQ</b></p>

