



Allegro MicroSystems, LLC.

## ACS780KLRTR-150U-T

Part Number:	ACS780KLRTR-150U-T
Manufacturer/Brand:	Allegro MicroSystems, LLC.
Product description:	HIGH-PRECISION LINEAR HALL-EFFEC
Datasheets:	ACS780KLRTR-150U-T.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	42226 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 ACS780KLRTR-150U-T

PART NUMBER	ACS780KLRTR-150U-T
MANUFACTURER	Allegro MicroSystems, LLC.
DESCRIPTION	HIGH-PRECISION LINEAR HALL-EFFEC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	42226 pcs
DATA SHEET	ACS780KLRTR-150U-T.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
SERIES	Automotive, AEC-Q100
SENSOR TYPE	Hall Effect, Differential
SENSITIVITY	26.66mV/A
RESPONSE TIME	3.6µs
POLARIZATION	Unidirectional
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	7-PowerSMD Module
OUTPUT	Ratiometric, Voltage
OTHER NAMES	620-1822-2 ACS780LLRTR-150U-T
OPERATING TEMPERATURE	-40°C ~ 125°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 100A 1 Channel Hall Effect, Differential Unidirectional 7-PowerSMD Module
CURRENT - SUPPLY (MAX)	15mA
CURRENT - SENSING	100A
ACCURACY	±0.8%

### Related Tags

Allegro MicroSystems, LLC. ACS780KLRTR-150U-T	ACS780KLRTR-150U-T Distributor	ACS780KLRTR-150U-T Supplier
ACS780KLRTR-150U-T Price	ACS780KLRTR-150U-T Pictures	ACS780KLRTR-150U-T Image
ACS780KLRTR-150U-T PDF Datasheet	ACS780KLRTR-150U-T Download Datasheet	ACS780KLRTR-150U-T Datasheet
ACS780KLRTR-150U-T Stock	Buy ACS780KLRTR-150U-T	Buy Allegro MicroSystems, LLC. ACS780KLRTR-150U-T
Allegro MicroSystems, LLC. ACS780KLRTR-150U-T	Allegro MicroSystems, LLC. Supplier	Allegro MicroSystems, LLC. Distributor
Allegro MicroSystems, LLC. ACS780KLRTR-150U-T	Allegro Microsystems Inc ACS780KLRTR-150U-T	Allegro MicroSystems, LLC ACS780KLRTR-150U-T

### Related Products

<p><b>ACS770LCB-050B-PFF-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 50A AC/DC In stock: 10386 pcs <b>RFQ</b></p>	<p><b>ACS780KLRTR-150B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: THERMALLY ENHANCED CURRENT SENSO In stock: 51752 pcs <b>RFQ</b></p>
<p><b>ACS780LLRTR-100U-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 15960 pcs <b>RFQ</b></p>	<p><b>ACS781KLRTR-150B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 14745 pcs <b>RFQ</b></p>
<p><b>ACS770LCB-050U-PFF-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 50A DC In stock: 9889 pcs <b>RFQ</b></p>	<p><b>ACS780LLRTR-050U-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 19314 pcs <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 <b>RFQ</b></p>	<p><b>ACS780LLRTR-100B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 43484 pcs <b>RFQ</b></p>
<p><b>ACS780LLRTR-050B-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HIGH-PRECISION LINEAR HALL-EFFEC In stock: 18555 pcs <b>RFQ</b></p>	<p><b>ACS770LCB-100U-PSF-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: LINEAR CURRENT SENSOR In stock: 6052 pcs <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 <b>RFQ</b></p>	<p><b>ACS781KLRTR-150U-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: THERMALLY ENHANCED CURRENT SENSO In stock: 16970 pcs <b>RFQ</b></p>