



Allegro MicroSystems, LLC.

### ACS724KMATR-20AB-T

Part Number:	ACS724KMATR-20AB-T
Manufacturer/Brand:	Allegro MicroSystems, LLC.
Product description:	SENSOR CURRENT HALL 20A AC/DC
Datasheets:	ACS724KMATR-20AB-T.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	42341 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 ACS724KMATR-20AB-T

PART NUMBER	ACS724KMATR-20AB-T
MANUFACTURER	Allegro MicroSystems, LLC.
DESCRIPTION	SENSOR CURRENT HALL 20A AC/DC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	42341 pcs
DATA SHEET	ACS724KMATR-20AB-T.pdf
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
SERIES	-
SENSOR TYPE	Hall Effect, Differential
SENSITIVITY	100mV/A
RESPONSE TIME	4µs
POLARIZATION	Bidirectional
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OUTPUT	Ratiometric, Voltage
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LINEARITY	±1%
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	DC ~ 120kHz
FOR MEASURING	AC/DC
DETAILED DESCRIPTION	Current Sensor 20A 1 Channel Hall Effect, Differential Bidirectional 16-SOIC (0.295", 7.50mm Width)
CURRENT - SUPPLY (MAX)	14mA
CURRENT - SENSING	20A
ACCURACY	±1%

#### Related Tags

Allegro MicroSystems, LLC. ACS724KMATR-20AB-T	ACS724KMATR-20AB-T Distributor	ACS724KMATR-20AB-T Supplier
ACS724KMATR-20AB-T Price	ACS724KMATR-20AB-T Pictures	ACS724KMATR-20AB-T Image
ACS724KMATR-20AB-T PDF Datasheet	ACS724KMATR-20AB-T Download Datasheet	ACS724KMATR-20AB-T Datasheet
ACS724KMATR-20AB-T Stock	Buy ACS724KMATR-20AB-T	Buy Allegro MicroSystems, LLC. ACS724KMATR-20AB-T
Allegro MicroSystems, LLC. ACS724KMATR-20AB-T	Allegro MicroSystems, LLC. Supplier	Allegro MicroSystems, LLC. Distributor
Allegro MicroSystems, LLC. ACS724KMATR-20AB-T	Allegro Microsystems Inc ACS724KMATR-20AB-T	Allegro MicroSystems, LLC ACS724KMATR-20AB-T

#### Related Products

<p><b>ACS723LLCTR-20AB-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 20A AC/DC In stock: 15294 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS724KMATR-65AB-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: HALL EFFECT CURRENT SENSRO In stock: 42596 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS724LLCTR-05AB-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL In stock: 43785 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS723LLCTR-40AB-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 40A AC/DC In stock: 49353 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS723LLCTR-45AB-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT 45A 5V 8SOIC In stock: 42836 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS724LLCTR-10AB-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 10A AC/DC In stock: 17837 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS724LLCTR-05AU-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL In stock: 48209 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS723LLCTR-40AU-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 40A DC In stock: 16457 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS724KMATR-30AB-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 30A AC/DC In stock: 39673 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS723LLCTR-10AU-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 10A DC In stock: 48934 pcs</p> <p><b>RFQ</b></p>
<p><b>ACS724KMATR-30AU-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 30A DC In stock: 44114 pcs</p> <p><b>RFQ</b></p>	<p><b>ACS723LLCTR-20AU-T</b> Manufacturers: Allegro MicroSystems, LLC. Description: SENSOR CURRENT HALL 20A DC In stock: 52785 pcs</p> <p><b>RFQ</b></p>

