



Allegro MicroSystems, LLC.

### ACS718KMATR-20B-T

Part Number: ACS718KMATR-20B-T  
 Manufacturer/Brand: Allegro MicroSystems, LLC.  
 Product description: SENSOR CURRENT HALL 20A AC/DC  
 Datasheets: [ACS718KMATR-20B-T.pdf](#)  
 RoHs Status: Lead free / RoHS Compliant  
 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 ACS718KMATR-20B-T

PART NUMBER	ACS718KMATR-20B-T
MANUFACTURER	Allegro MicroSystems, LLC.
DESCRIPTION	SENSOR CURRENT HALL 20A AC/DC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">ACS718KMATR-20B-T.pdf</a>
VOLTAGE - SUPPLY	5V
SERIES	-
SENSOR TYPE	Hall Effect, Open Loop
SENSITIVITY	100mV/A
RESPONSE TIME	13µs
POLARIZATION	Bidirectional
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OUTPUT	Ratiometric, Voltage
OTHER NAMES	620-1714-2
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LINEARITY	±1%
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	40kHz
FOR MEASURING	AC/DC
DETAILED DESCRIPTION	Current Sensor 20A 1 Channel Hall Effect, Open Loop Bidirectional 16-SOIC (0.295", 7.50mm Width)
CURRENT - SUPPLY (MAX)	9mA
CURRENT - SENSING	20A
ACCURACY	±2%

#### Related Tags

Allegro MicroSystems, LLC. ACS718KMATR-20B-T	ACS718KMATR-20B-T Distributor	ACS718KMATR-20B-T Supplier
ACS718KMATR-20B-T Price	ACS718KMATR-20B-T Pictures	ACS718KMATR-20B-T Image
ACS718KMATR-20B-T PDF Datasheet	ACS718KMATR-20B-T Download Datasheet	ACS718KMATR-20B-T Datasheet
ACS718KMATR-20B-T Stock	Buy ACS718KMATR-20B-T	Buy Allegro MicroSystems, LLC. ACS718KMATR-20B-T
Allegro MicroSystems, LLC. ACS718KMATR-20B-T	Allegro MicroSystems, LLC. Supplier	Allegro MicroSystems, LLC. Distributor
Allegro MicroSystems, LLC. ACS718KMATR-20B-T	Allegro Microsystems Inc ACS718KMATR-20B-T	Allegro MicroSystems, LLC ACS718KMATR-20B-T

#### Related Products

<p><b>ACS718KMATR-10B-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 10A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ACS722KMATR-40AB-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 40A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ACS717KMATR-20B-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 20A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ACS722KMATR-10AB-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 10A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ACS716KLATR-6BB-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 6A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ACS716KLATR-6BB-NL-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 6A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ACS720KLATR-65AB-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: CURRENT SENSOR                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ACS717KMATR-10B-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 10A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ACS720KLATR-35AB-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: CURRENT SENSOR                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ACS722KMATR-20AB-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL 20A AC/DC                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>ACS720KLATR-15AB-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: CURRENT SENSOR                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>ACS716KLATR-9BB-NL-T</b>                  Manufacturers: Allegro MicroSystems, LLC.                  Description: SENSOR CURRENT HALL                  In stock: Out stock  <a href="#">RFQ</a></p>

