

**ACS725KMATR-20AB-T Information**


For Reference Only

**Part Number** [ACS725KMATR-20AB-T](#)  
**Manufacturer** Allegro MicroSystems, LLC  
**Category** Sensors, Transducers  
[Current Transducers](#)  
**Description** SENSOR CURRENT HALL 20A AC/DC  
**Package** 16-SOIC (0.295", 7.50mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**ACS725KMATR-20AB-T Specifications**

Manufacturer Part Number	<a href="#">ACS725KMATR-20AB-T</a>
Manufacturer	Allegro MicroSystems, LLC
Category	Sensors, Transducers <a href="#">Current Transducers</a>
Package	16-SOIC (0.295", 7.50mm Width)
Series	-
For Measuring	AC/DC
Sensor Type	Hall Effect, Differential
Current - Sensing	20A
Number of Channels	1
Output	Ratiometric, Voltage
Sensitivity	66mV/A
Frequency	DC ~ 120kHz
Linearity	±1%
Accuracy	±1%
Voltage - Supply	3 V ~ 3.6 V
Response Time	4µs
Current - Supply (Max)	14mA
Operating Temperature	-40°C ~ 125°C
Polarization	Bidirectional
Mounting Type	Surface Mount
Package / Case	16-SOIC (0.295", 7.50mm Width)

[Report errors?](#)

## ACS725KMATR-20AB-T Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## ACS725KMATR-20AB-T Payment Methods



## ACS725KMATR-20AB-T Shipping Methods



If you have any question about ACS725KMATR-20AB-T, please do not hesitate to contact us!

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