

ACS723KMATR-40AB-T Information


For Reference Only

Part Number [ACS723KMATR-40AB-T](#)
Manufacturer Allegro MicroSystems, LLC
Category Sensors, Transducers
[Current Transducers](#)
Description SENSOR CURRENT HALL 40A 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


[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.


ACS723KMATR-40AB-T Specifications

Manufacturer Part Number	ACS723KMATR-40AB-T
Manufacturer	Allegro MicroSystems, LLC
Category	Sensors, Transducers Current Transducers
Package	16-SOIC (0.295", 7.50mm Width)
Series	-
For Measuring	AC/DC
Sensor Type	Hall Effect, Open Loop
Current - Sensing	40A
Number of Channels	1
Output	Ratiometric, Voltage
Sensitivity	50mV/A
Frequency	DC ~ 80kHz
Linearity	±1%
Accuracy	±2%
Voltage - Supply	4.5 V ~ 5.5 V
Response Time	5µs
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?](#)

ACS723KMATR-40AB-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.

ACS723KMATR-40AB-T Payment Methods



ACS723KMATR-40AB-T Shipping Methods



If you have any question about ACS723KMATR-40AB-T, please do not hesitate to contact us!

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