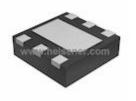




AH8502-FDC-7 Information



For Reference Only

Part Number AH8502-FDC-7
Manufacturer Diodes Incorporated
Category Sensors, Transducers

Magnetic Sensors - Linear, Compass (ICs)

Description SENSOR LINEAR ANALOG 6UDFN

Package 6-UDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

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AH8502-FDC-7 Specifications

Manufacturer Part Number AH8502-FDC-7 Manufacturer Diodes Incorporated Category Sensors, Transducers Magnetic Sensors - Linear, Compass (ICs) Package 6-UDFN Exposed Pad Series - Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±43mT Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)		
Category Sensors, Transducers Package 6-UDFN Exposed Pad Series - Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±43mT Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Manufacturer Part Number	AH8502-FDC-7
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Series - Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±43mT Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)		Magnetic Sensors - Linear, Compass (ICs)
Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±43mT Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Package	6-UDFN Exposed Pad
Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±43mT Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case Supplier Device Package U-DFN2020-6 (Type C)	Series	-
AxisSingleOutput TypeAnalog VoltageSensing Range±43mTVoltage - Supply1.6 V ~ 3.6 VCurrent - Supply (Max)1.5mACurrent - Output (Max)10mAResolution8 bBandwidth-Operating Temperature-40°C ~ 85°C (TA)FeaturesSleep ModePackage / Case6-UDFN Exposed PadSupplier Device PackageU-DFN2020-6 (Type C)	Туре	Linear
Output Type Analog Voltage Sensing Range ±43mT Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Technology	Hall Effect
Sensing Range ±43mT Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Axis	Single
Voltage - Supply 1.6 V ~ 3.6 V Current - Supply (Max) 1.5mA Current - Output (Max) 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Output Type	Analog Voltage
Current - Supply (Max) 1.5mA 10mA Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Sensing Range	±43mT
Current - Output (Max) Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Voltage - Supply	1.6 V ~ 3.6 V
Resolution 8 b Bandwidth - Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Current - Supply (Max)	1.5mA
Bandwidth - Gerating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Current - Output (Max)	10mA
Operating Temperature -40°C ~ 85°C (TA) Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Resolution	8 b
Features Sleep Mode Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Bandwidth	-
Package / Case 6-UDFN Exposed Pad Supplier Device Package U-DFN2020-6 (Type C)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package U-DFN2020-6 (Type C)	Features	Sleep Mode
	Package / Case	6-UDFN Exposed Pad
Report errors?	Supplier Device Package	U-DFN2020-6 (Type C)
		Report errors?

AH8502-FDC-7 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.

AH8502-FDC-7 Payment Methods



















AH8502-FDC-7 Shipping Methods













If you have any question about AH8502-FDC-7, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com