

PDRV5053RAQDBZT

PDRV5053RAQDBZT Information



For Reference Only

Part NumberPDRV5053RAQDBZTManufacturerTexas InstrumentsCategorySensors, Transducers

Magnetic Sensors - Linear, Compass (ICs)

Description SENSOR LINEAR ANALOG SOT23-3

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

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PDRV5053RAQDBZT Specifications

Manufacturer Part Number PDRV5053RAQDBZT Manufacturer Texas Instruments Category Sensors, Transducers Magnetic Sensors - Linear, Compass (ICs) Package TO-236-3, SC-59, SOT-23-3 Series - Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±18mT Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) 2.3mA Resolution - Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		
CategorySensors, TransducersPackageTO-236-3, SC-59, SOT-23-3Series-TypeLinearTechnologyHall EffectAxisSingleOutput TypeAnalog VoltageSensing Range±18mTVoltage - Supply2.5 V ~ 38 VCurrent - Supply (Max)3.6mACurrent - Output (Max)2.3mAResolution-Bandwidth20kHzOperating Temperature-40°C ~ 125°C (TA)FeaturesTemperature CompensatedPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Manufacturer Part Number	PDRV5053RAQDBZT
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Series - Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±18mT Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) 2.3mA Resolution - Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		Magnetic Sensors - Linear, Compass (ICs)
Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±18mT Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) 2.3mA Resolution - Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Package	TO-236-3, SC-59, SOT-23-3
Technology Axis Single Output Type Analog Voltage Sensing Range ±18mT Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) Resolution Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case Supplier Device Package Single Analog Voltage ±18mT 2.5 V ~ 38 V 2.5 V ~	Series	-
Axis Output Type Analog Voltage Sensing Range ±18mT Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) Resolution - Bandwidth Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Type	Linear
Output Type Analog Voltage Sensing Range ±18mT Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) 2.3mA Resolution - Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Technology	Hall Effect
Sensing Range ±18mT Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) 2.3mA Resolution - Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Axis	Single
Voltage - Supply 2.5 V ~ 38 V Current - Supply (Max) 3.6mA Current - Output (Max) 2.3mA Resolution - Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Output Type	Analog Voltage
Current - Supply (Max) Current - Output (Max) Resolution Bandwidth Operating Temperature -40°C ~ 125°C (TA) Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Sensing Range	±18mT
Current - Output (Max) Resolution - Bandwidth Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Voltage - Supply	2.5 V ~ 38 V
Resolution - CONTROLL	Current - Supply (Max)	3.6mA
Bandwidth 20kHz Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Output (Max)	2.3mA
Operating Temperature -40°C ~ 125°C (TA) Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Resolution	-
Features Temperature Compensated Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Bandwidth	20kHz
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-23-3	Features	Temperature Compensated
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
		Report errors?

PDRV5053RAQDBZT 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.

PDRV5053RAQDBZT Payment Methods



















PDRV5053RAQDBZT Shipping Methods













If you have any question about PDRV5053RAQDBZT, please do not hesitate to contact us!

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