

# DRV5053OAQDBZRQ1

### DRV5053OAQDBZRQ1 Information



For Reference Only

Part Number DRV5053OAQDBZRQ1

Manufacturer Texas Instruments Category Sensors, Transducers

Magnetic Sensors - Linear, Compass (ICs)

**Description** SENSOR LINEAR ANALOG SOT23-3 TO-236-3, SC-59, SOT-23-3

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**Package** 









# **DRV5053OAQDBZRQ1 Specifications**

Manufacturer Part NumberDRV5053OAQDBZRQ1ManufacturerTexas InstrumentsCategorySensors, TransducersMagnetic Sensors - Linear, Compass (ICs)PackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q100TypeLinearTechnologyHall EffectAxisSingleOutput TypeAnalog VoltageSensing Range±73mTVoltage - Supply2.7 V ~ 38 VCurrent - Supply (Max)3.6mACurrent - Output (Max)2.3mAResolution-Bandwidth20kHzOperating Temperature40°C ~ 125°C (TA)FeaturesTemperature CompensatedPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3		
Category         Sensors, Transducers           Magnetic Sensors - Linear, Compass (ICs)           Package         TO-236-3, SC-59, SOT-23-3           Series         Automotive, AEC-Q100           Type         Linear           Technology         Hall Effect           Axis         Single           Output Type         Analog Voltage           Sensing Range         ±73mT           Voltage - Supply         2.7 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	Manufacturer Part Number	DRV5053OAQDBZRQ1
PackageTO-236-3, SC-59, SOT-23-3SeriesAutomotive, AEC-Q100TypeLinearTechnologyHall EffectAxisSingleOutput TypeAnalog VoltageSensing Range±73mTVoltage - Supply2.7 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	Texas Instruments
Package TO-236-3, SC-59, SOT-23-3  Series Automotive, AEC-Q100  Type Linear  Technology Hall Effect  Axis Single  Output Type Analog Voltage  Sensing Range ±73mT  Voltage - Supply 2.7 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	Category	Sensors, Transducers
Series Automotive, AEC-Q100  Type Linear  Technology Hall Effect  Axis Single  Output Type Analog Voltage  Sensing Range ±73mT  Voltage - Supply 2.7 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		Magnetic Sensors - Linear, Compass (ICs)
Type Linear Technology Hall Effect Axis Single Output Type Analog Voltage Sensing Range ±73mT Voltage - Supply 2.7 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  Hall Effect  Axis  Single  Output Type  Analog Voltage  \$ensing Range  ±73mT  Voltage - Supply  2.7 V ~ 38 V  Current - Supply (Max)  Current - Output (Max)  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	Series	Automotive, AEC-Q100
Axis  Output Type  Analog Voltage  Sensing Range  ±73mT  Voltage - Supply  2.7 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	Туре	Linear
Output Type Analog Voltage  Sensing Range ±73mT  Voltage - Supply 2.7 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 ±73mT  Voltage - Supply 2.7 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  Current - Supply (Max)  3.6mA  Current - Output (Max)  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	Output Type	Analog Voltage
Current - Supply (Max)  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	Sensing Range	±73mT
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	2.7 V ~ 38 V
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	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?

### DRV5053OAQDBZRQ1 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.

#### **DRV5053OAQDBZRQ1** Payment Methods



















# **DRV5053OAQDBZRQ1 Shipping Methods**













If you have any question about DRV5053OAQDBZRQ1, please do not hesitate to contact us!

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