

**TSC1031IYDT Information**


For Reference Only

**Part Number** [TSC1031IYDT](#)  
**Manufacturer** STMicroelectronics  
**Category** Integrated Circuits (ICs)  
[Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps](#)  
**Description** IC OPAMP CURR SENSE 700KHZ 8SO  
**Package** 8-SOIC (0.154", 3.90mm 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.


**TSC1031IYDT Specifications**

Manufacturer Part Number	<a href="#">TSC1031IYDT</a>
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) <a href="#">Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	Automotive, AEC-Q100
Amplifier Type	Current Sense
Number of Circuits	1
Output Type	-
Slew Rate	0.6 V/ $\mu$ s
Gain Bandwidth Product	-
-3db Bandwidth	700kHz
Current - Input Bias	10 $\mu$ A
Voltage - Input Offset	500 $\mu$ V
Current - Supply	200 $\mu$ A
Current - Output / Channel	26mA
Voltage - Supply, Single/Dual ( $\pm$ )	2.7 V ~ 5.5 V, $\pm$ 1.35 V ~ 2.75 V
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO

[Report errors?](#)

## TSC1031IYDT 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.

## TSC1031IYDT Payment Methods



## TSC1031IYDT Shipping Methods



If you have any question about TSC1031IYDT, please do not hesitate to contact us!

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