

TPS7A8001DRBT Information


For Reference Only

Part Number [TPS7A8001DRBT](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - Linear](#)
Description IC REG LINEAR POS ADJ 1A 8SON
Package 8-VDFN 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

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.


TPS7A8001DRBT Specifications

Manufacturer Part Number	TPS7A8001DRBT
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Package	8-VDFN Exposed Pad
Series	-
Output Configuration	Positive
Output Type	Adjustable
Number of Regulators	1
Voltage - Input (Max)	6.5V
Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	6V
Voltage Dropout (Max)	0.5V @ 1A
Current - Output	1A
Current - Quiescent (Iq)	-
Current - Supply (Max)	100µA ~ 350µA
PSRR	48dB ~ 38dB (100Hz ~ 1MHz)
Control Features	Enable
Protection Features	Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Package / Case	8-VDFN Exposed Pad
Supplier Device Package	8-SON (3x3)

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TPS7A8001DRBT 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.

TPS7A8001DRBT Payment Methods



TPS7A8001DRBT Shipping Methods



If you have any question about TPS7A8001DRBT, please do not hesitate to contact us!

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