



# **TPS7A3001DRBR Information**



For Reference Only

Part Number TPS7A3001DRBR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LIN NEG ADJ 200MA 8SONPackage8-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.









# **TPS7A3001DRBR Specifications**

Manufacturer Part Number         TPS7A3001DRBR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         8-VDFN Exposed Pad           Series         -           Output Configuration         Negative           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         -35V           Voltage - Output (Min/Fixed)         -1.18V           Voltage - Output (Max)         -33V           Voltage Dropout (Max)         0.6V @ 200mA           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         100μA ~ 950μA           PSRR         72dB (120Hz)
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         8-VDFN Exposed Pad           Series         -           Output Configuration         Negative           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         -35V           Voltage - Output (Min/Fixed)         -1.18V           Voltage - Output (Max)         -33V           Voltage Dropout (Max)         0.6V @ 200mA           Current - Output         200mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         100μA ~ 950μA
Package 8-VDFN Exposed Pad  Series - Output Configuration Negative Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) -35V  Voltage - Output (Min/Fixed) -1.18V  Voltage - Output (Max) -33V  Voltage Dropout (Max) 0.6V @ 200mA  Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 100μA ~ 950μA
Package8-VDFN Exposed PadSeries-Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-35VVoltage - Output (Min/Fixed)-1.18VVoltage - Output (Max)-33VVoltage Dropout (Max)0.6V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 950μA
Series-Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-35VVoltage - Output (Min/Fixed)-1.18VVoltage - Output (Max)-33VVoltage Dropout (Max)0.6V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 950μA
Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-35 VVoltage - Output (Min/Fixed)-1.18 VVoltage - Output (Max)-33 VVoltage Dropout (Max)0.6 V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 950μA
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)-35VVoltage - Output (Min/Fixed)-1.18VVoltage - Output (Max)-33VVoltage Dropout (Max)0.6V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 950μA
Number of Regulators1Voltage - Input (Max)-35 VVoltage - Output (Min/Fixed)-1.18 VVoltage - Output (Max)-33 VVoltage Dropout (Max)0.6 V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)100μA ~ 950μA
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  -35V  -33V  -33V  -300mA
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  - 1.18V  - 200mA  - 200mA  - 1.18V  - 200mA  - 200mA
Voltage - Output (Max)       -33V         Voltage Dropout (Max)       0.6V @ 200mA         Current - Output       200mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       100μA ~ 950μA
Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  0.6V @ 200mA  200mA
Current - Output 200mA  Current - Quiescent (Iq) -  Current - Supply (Max) 100μA ~ 950μA
Current - Quiescent (Iq)  Current - Supply (Max)  - 100μA ~ 950μA
Current - Supply (Max) $100\mu A \sim 950\mu A$
PSRR 72dB (120Hz)
Control Features Enable, Soft Start
Protection Features Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$
Mounting Type Surface Mount
Package / Case 8-VDFN Exposed Pad
Supplier Device Package 8-SON (3x3)
Report errors?

### **TPS7A3001DRBR 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.

### **TPS7A3001DRBR Payment Methods**



















### **TPS7A3001DRBR Shipping Methods**













If you have any question about TPS7A3001DRBR, please do not hesitate to contact us!

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