

TL5001CPS Information


For Reference Only

Part Number TL5001CPS
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
 PMIC - Voltage Regulators - DC DC Switching Controllers
Description IC REG CTRLR BCK/BOOST/FLYBK 8SO
Package 8-SOIC (0.209", 5.30mm Width)
 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.


TL5001CPS Specifications

Manufacturer Part Number	TL5001CPS
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers
Package	8-SOIC (0.209", 5.30mm Width)
Series	-
Output Type	Transistor Driver
Function	Step-Up, Step-Down, Step-Up/Step-Down
Output Configuration	Positive
Topology	Buck, Boost, Flyback
Number of Outputs	1
Output Phases	1
Voltage - Supply (Vcc/Vdd)	3.6 V ~ 40 V
Frequency - Switching	20kHz ~ 500kHz
Duty Cycle (Max)	100%
Synchronous Rectifier	No
Clock Sync	No
Serial Interfaces	-
Control Features	Dead Time Control, Frequency Control
Operating Temperature	-20°C ~ 85°C (TA)
Package / Case	8-SOIC (0.209", 5.30mm Width)
Supplier Device Package	8-SO

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TL5001CPS 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.

TL5001CPS Payment Methods



TL5001CPS Shipping Methods



If you have any question about TL5001CPS, please do not hesitate to contact us!

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