

**MAX17596ATE+ Information**


For Reference Only

**Part Number** MAX17596ATE+  
**Manufacturer** Maxim Integrated  
**Category** Integrated Circuits (ICs)  
 PMIC - Voltage Regulators - DC DC Switching Controllers  
**Description** IC REG CTRLR BOOST/FLYBK 16TQFN  
**Package** 16-WFQFN Exposed Pad  
 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.


**MAX17596ATE+ Specifications**

Manufacturer Part Number	MAX17596ATE+
Manufacturer	Maxim Integrated
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers
Package	16-WFQFN Exposed Pad
Series	-
Output Type	Transistor Driver
Function	Step-Up, Step-Up/Step-Down
Output Configuration	Positive
Topology	Boost, Flyback
Number of Outputs	1
Output Phases	1
Voltage - Supply (Vcc/Vdd)	4.5 V ~ 36 V
Frequency - Switching	100kHz ~ 1MHz
Duty Cycle (Max)	48%
Synchronous Rectifier	No
Clock Sync	Yes
Serial Interfaces	-
Control Features	Enable, Frequency Control, Soft Start
Operating Temperature	-40°C ~ 125°C (TJ)
Package / Case	16-WFQFN Exposed Pad
Supplier Device Package	16-TQFN (3x3)

[Report errors?](#)

## MAX17596ATE+ 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.

## MAX17596ATE+ Payment Methods



## MAX17596ATE+ Shipping Methods



If you have any question about MAX17596ATE+, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)