

**UC3824N Information**


For Reference Only

**Part Number** UC3824N  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
 PMIC - Voltage Regulators - DC DC Switching Controllers  
**Description** IC REG CTRLR BUCK/BOOST 16DIP  
**Package** 16-DIP (0.300", 7.62mm)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**UC3824N Specifications**

Manufacturer Part Number	UC3824N
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers
Package	16-DIP (0.300", 7.62mm)
Series	-
Output Type	Transistor Driver
Function	Step-Up, Step-Down
Output Configuration	Positive
Topology	Buck, Boost
Number of Outputs	1
Output Phases	1
Voltage - Supply (Vcc/Vdd)	8.4 V ~ 30 V
Frequency - Switching	340kHz ~ 460kHz
Duty Cycle (Max)	85%
Synchronous Rectifier	No
Clock Sync	No
Serial Interfaces	-
Control Features	Current Limit, Enable, Frequency Control, Ramp, Soft Start
Operating Temperature	0°C ~ 70°C (TA)
Package / Case	16-DIP (0.300", 7.62mm)
Supplier Device Package	16-PDIP

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## UC3824N 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.

## UC3824N Payment Methods



## UC3824N Shipping Methods



If you have any question about UC3824N, please do not hesitate to contact us!

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