

LTC3871ILXE Information


For Reference Only

Part Number [LTC3871ILXE](#)
Manufacturer Linear Technology
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)
Description IC POWER MANAGEMENT
Package 48-LQFP Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


LTC3871ILXE Specifications

Manufacturer Part Number	LTC3871ILXE
Manufacturer	Linear Technology
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers
Package	48-LQFP Exposed Pad
Series	PolyPhase®
Output Type	Transistor Driver
Function	Step-Up, Step-Down
Output Configuration	Positive
Topology	Buck, Boost
Number of Outputs	2
Output Phases	Programmable
Voltage - Supply (Vcc/Vdd)	1.2 V ~ 100 V
Frequency - Switching	60kHz ~ 460kHz
Duty Cycle (Max)	98%
Synchronous Rectifier	Yes
Clock Sync	Yes
Serial Interfaces	-
Control Features	Current Limit, Enable, Frequency Control, Phase Control, Soft Start
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	48-LQFP Exposed Pad
Supplier Device Package	48-eLQFP (7x7)

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LTC3871ILXE 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.

LTC3871ILXE Payment Methods



LTC3871ILXE Shipping Methods



If you have any question about LTC3871ILXE, please do not hesitate to contact us!

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