

ZL2006ALNF Information


For Reference Only

Part Number [ZL2006ALNF](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)
Description IC REG CTRLR BUCK PMBUS 36QFN
Package 36-VFQFN 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.


ZL2006ALNF Specifications

Manufacturer Part Number	ZL2006ALNF
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers
Package	36-VFQFN Exposed Pad
Series	Digital-DC™
Output Type	Transistor Driver
Function	Step-Down
Output Configuration	Positive
Topology	Buck
Number of Outputs	1
Output Phases	1
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Frequency - Switching	200kHz ~ 1.4MHz
Duty Cycle (Max)	95%
Synchronous Rectifier	Yes
Clock Sync	Yes
Serial Interfaces	I²C, PMBus, SMBus
Control Features	Current Limit, Enable, Soft Start, Tracking
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	36-VFQFN Exposed Pad
Supplier Device Package	36-QFN (6x6)

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ZL2006ALNF 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.

ZL2006ALNF Payment Methods



ZL2006ALNF Shipping Methods



If you have any question about ZL2006ALNF, please do not hesitate to contact us!

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