

ZL6100ALAF Information


For Reference Only

Part Number [ZL6100ALAF](#)
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.


ZL6100ALAF Specifications

Manufacturer Part Number	ZL6100ALAF
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, Power Good, Soft Start, Tracking
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	36-VFQFN Exposed Pad
Supplier Device Package	36-QFN (6x6)

[Report errors?](#)

ZL6100ALAF 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.

ZL6100ALAF Payment Methods



ZL6100ALAF Shipping Methods



If you have any question about ZL6100ALAF, please do not hesitate to contact us!

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