

ISL6551IR-T Information


For Reference Only

Part Number [ISL6551IR-T](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)
Description IC REG CTRLR FULL-BRIDGE 28QFN
Package 28-VQFN 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.


ISL6551IR-T Specifications

Manufacturer Part Number	ISL6551IR-T
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers
Package	28-VQFN Exposed Pad
Series	-
Output Type	Transistor Driver
Function	Step-Up/Step-Down
Output Configuration	Positive, Isolation Capable
Topology	Full-Bridge
Number of Outputs	1
Output Phases	1
Voltage - Supply (Vcc/Vdd)	10.8 V ~ 13.2 V
Frequency - Switching	50kHz ~ 500kHz
Duty Cycle (Max)	50%
Synchronous Rectifier	Yes
Clock Sync	No
Serial Interfaces	-
Control Features	Current Limit, Dead Time Control, Enable, Soft Start
Operating Temperature	0°C ~ 85°C (TA)
Package / Case	28-VQFN Exposed Pad
Supplier Device Package	28-QFN (6x6)

[Report errors?](#)

ISL6551IR-T 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.

ISL6551IR-T Payment Methods



ISL6551IR-T Shipping Methods



If you have any question about ISL6551IR-T, please do not hesitate to contact us!

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