



ISL6551IR Information



For Reference Only

Part Number ISL6551IR Manufacturer Intersil

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



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.









ISL6551IR Specifications

| Manufacturer Part Number | ISL6551IR | |
|----------------------------|--|----|
| Manufacturer | Intersil | |
| 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 | $0^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ | |
| Package / Case | 28-VQFN Exposed Pad | |
| Supplier Device Package | 28-QFN (6x6) | |
| | Report error | s? |

ISL6551IR 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 Payment Methods





















ISL6551IR Shipping Methods













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

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