

Smart Power Stage (SPS) with Integrated High Accuracy Current and Temperature Monitors

Manufacturers

[Renesas Technology Corp](#)

Package/Case

Product Type

Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ISL99360FRZ-T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

Input range: +3.0V to +16V

Supports 60A DC current

ISL99360: 3.3V compatible tri-state PWM input

ISL99360B: 5.0V compatible tri-state PWM input

Downslope current sensing

±3% accuracy current monitor (IMON) with REFIN input

8mV/°C temperature monitor with OT flag

Dedicated low-side FET control input

Comprehensive fault protection for high system reliability

High-side FET short and overcurrent protection

Over-temperature protection

V_{CC} and V_{IN} Undervoltage Lockout (UVLO)

Open-drain fault reporting output

Up to 1.25MHz switching frequency

Pb-free (RoHS compliant), 32 Ld 5 x5 PQFN



Related Products



[ISL6262ACRZ](#)

Renesas Technology Corp
QFN-48



[ISL6294IRZ-T](#)

Renesas Technology Corp
QFN-8



[ISL21080CIH315Z-TK](#)

Renesas Technology Corp
SOT-23-3



[ISL6506BCBZ](#)

Renesas Technology Corp
SOP-8



[ISL6377HRZ-T](#)

Renesas Technology Corp
QFN-48



[ISL62771HRTZ-T](#)

Renesas Technology Corp
40-WFQFN Exposed Pad



[ISL62771HRTZ](#)

Renesas Technology Corp
QFN40



[ISL95808HRZ-T](#)

Renesas Technology Corp
DFN-8