

Smart Power Stage Gen2 (SPS) Module w/Integrated High-Accura

Manufacturers	Renesas Technology Corp
Package/Case	QFN-39
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ISL99390FRZ-TR5935 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

V_{IN} input range: +3.0V to +16V

Supports 90A DC current

3.3V compatible tri-state PWM input (ISL99390R5935)

5V compatible tri-state PWM input (ISL99390BR5935)

±3% accuracy continuous signal for current monitor

8mV/°C temperature monitor, TOUT

Comprehensive fault protection for high system reliability

High-side FET short and overcurrent protection

Smart Reverse Overcurrent Protection (SROCP)

Over-temperature protection

V_{CC} Undervoltage Lockout (UVLO)

Enable Input and fault reporting outputs

Low power mode operation

Up to 1.25MHz switching frequency

RoHS-compliant, 5 x 6 QFN package



Related Products



[ISL6262ACRZ](#)

Renesas Technology Corp
QFN-48



[ISL6294IRZ-T](#)

Renesas Technology Corp
QFN-8



[ISL21080CIH315Z-TK](#)

Renesas Technology Corp
SOT-23-3



[ISL6506BCBZ](#)

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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