

High Voltage GreenFET Load Switch

Manufacturers

[Renesas Technology Corp](#)

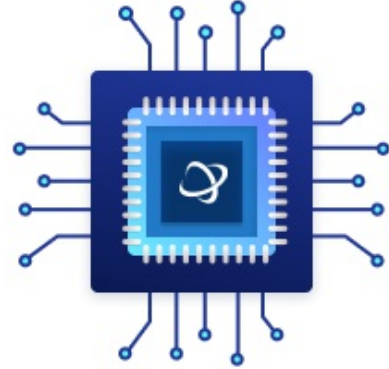
Package/Case

Product Type

Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for SLG59H1005V or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Features

Optimized for Telecommunications Equipment, High-performance Enterprise Computing, Motor Drives

50 m Ω RDS_{ON}

Maximum Continuous Current: 3 A

Wide Operating Supply Voltage: 4.5 V to 22 V

Back-to-Back FET Reverse-current Blocking, when OFF

Automatic nFET SOA Protection

4-Level, Pin-selectable V_{IN} Overvoltage Lockout

Capacitor-adjustable Inrush Current Control

Two stage Current Limit Protection:

Resistor-adjustable Active Current Limit

Fixed 0.5 A Short-circuit Current Limit

ON-OFF Control: Active HIGH

Related Products



[ISL6262ACRZ](#)

Renesas Technology Corp
QFN-48



[ISL21080CIH315Z-TK](#)

Renesas Technology Corp
SOT-23-3



[ISL6377HRZ-T](#)

Renesas Technology Corp
QFN-48



[ISL62771HRTZ](#)

Renesas Technology Corp
QFN40



[ISL6294IRZ-T](#)

Renesas Technology Corp
QFN-8



[ISL6506BCBZ](#)

Renesas Technology Corp
SOP-8



[ISL62771HRTZ-T](#)

Renesas Technology Corp
40-WFQFN Exposed Pad



[ISL95808HRZ-T](#)

Renesas Technology Corp
DFN-8