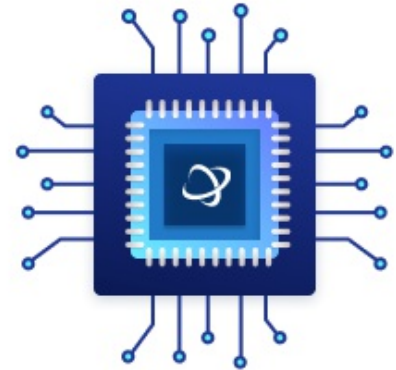


High PSRR, low noise multi-output LDO IC for advanced camera and sensor systems

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



Images are for reference only

Please submit RFQ for SLG51000 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The SLG51000 CMIC contains seven compact and customizable low dropout regulators and is designed for high performance camera modules, advanced sensor systems, and other small multi-rail applications.

Application: Advanced Sensor Systems | High End Camera Module | Smartphones | Digital Cameras | Security Cameras | Smart Imaging Devices

Features

Highest PSRR of 81 dB at 1 MHz

Lowest output voltage noise of 13 μ V (rms)

7 channels of LDOs

Output current capability up to 800mA per channel

User configurable settings via I²C and OTP including output voltage, sequencing, soft-start timing, and current limit threshold

6 user-defined GPIOs to route available internal and external signals

Flexible user-defined supply controller with matrix interconnect logic, GPIOs, and macrocells

Application

High end camera module applications

Smartphones

Digital cameras

Security cameras

Smart devices with imaging

Advanced sensor systems

Adaptive Driver Assistance Systems

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