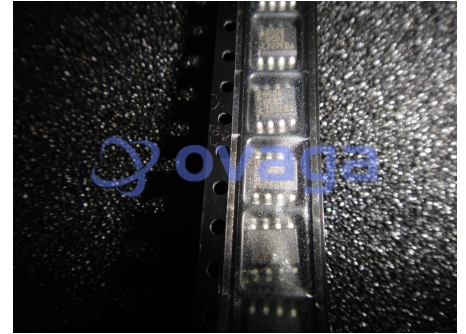


Pb-Free 2 OUTPUT ACPI POWER CONTROLLER, 8LD EPSON HT SUSA  
CODE:8542390000

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	SOP-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ISL6506BCBZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

ISL6506BCBZ is a high-performance synchronous buck controller designed for regulating the output voltage of DC-DC converters. Here are some of its features:

### Features

Wide input voltage range: 4.5V to 28V

Adjustable output voltage range: 0.8V to 5.5V

High efficiency: up to 95%

Adjustable switching frequency: 100kHz to 1MHz

Current mode control with slope compensation

Soft-start function

Overvoltage and overcurrent protection

Thermal shutdown

### Application

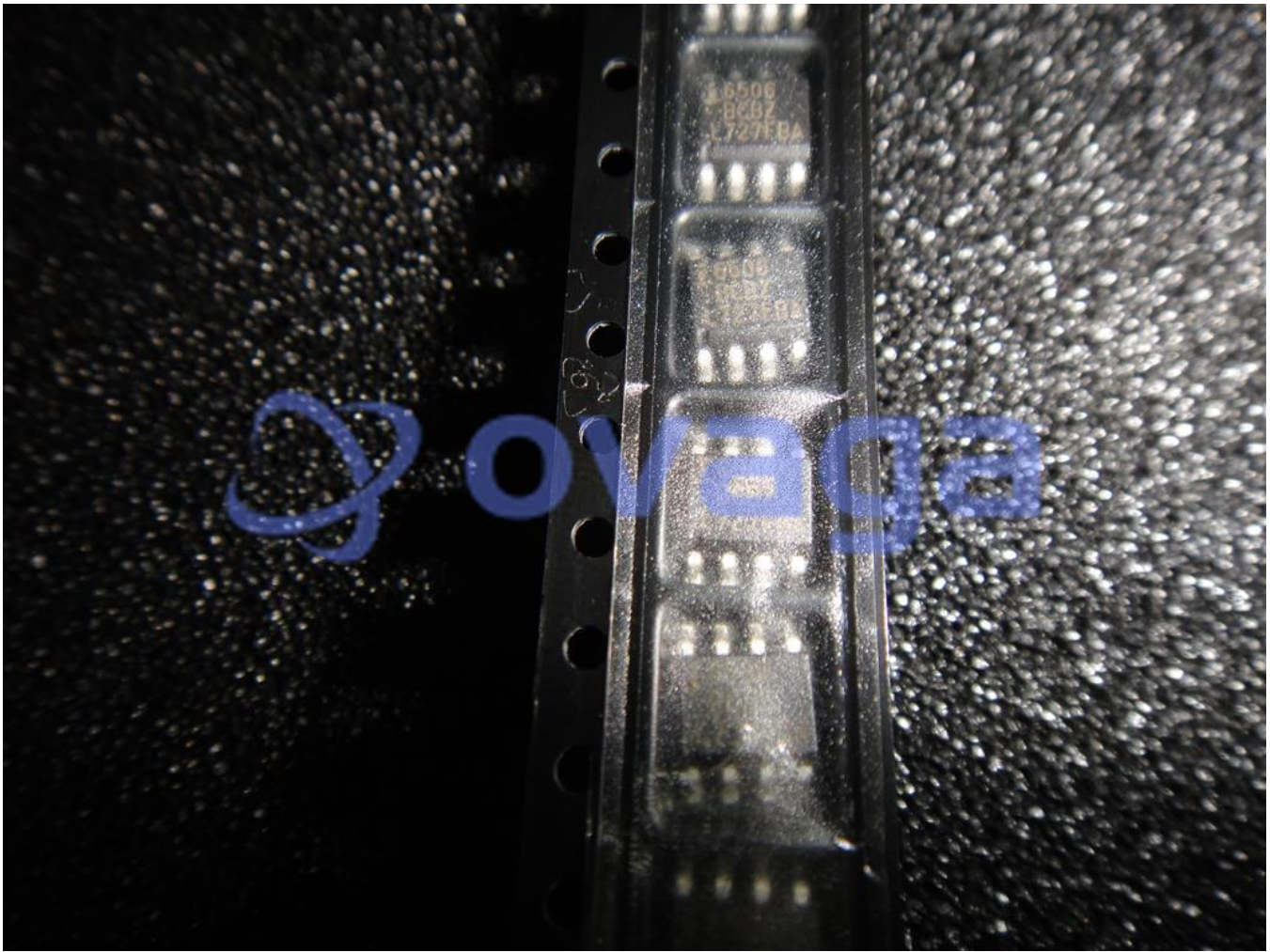
Computing and server systems

High-end graphics cards

Industrial power supplies

Telecom and networking equipment

Point-of-load regulators



## Related Products



### [ISL6262ACRZ](#)

Renesas Technology Corp  
QFN-48



### [ISL21080CIH315Z-TK](#)

Renesas Technology Corp  
SOT-23-3



### [ISL62771HRTZ-T](#)

Renesas Technology Corp  
40-WFQFN Exposed Pad



### [ISL6294IRZ-T](#)

Renesas Technology Corp  
QFN-8



### [ISL6377HRZ-T](#)

Renesas Technology Corp  
QFN-48



### [ISL62771HRTZ](#)

Renesas Technology Corp  
QFN40



[ISL95808HRZ-T](#)

Renesas Technology Corp

DFN-8



[ISL6625ACRZ-T](#)

Renesas Technology Corp

8pin-DFN