

Ultra-Low IQ Buck-Boost Regulator with Bypass

Manufacturers

[Renesas Technology Corp](#)

Package/Case

Product Type

Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ISL9122AIRNZ-T or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

## Features

1300nA quiescent current

84% efficiency at 10 $\mu$ A load

97% peak efficiency

Input voltage range: 1.8V to 5.5V

Output voltage range: 1.8V to 5.375V

Output current: up to 500mA>

Selectable Forced and Auto Bypass power saving modes

Seamless PWM/PFM and buck/boost transition

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C Control and voltage adjustability

Hysteretic controller

Small 1.8mm x 1.0mm WLCSP and 3.0mm x 2.0mm 8 Ld DFN packages



## Related Products



[ISL6262ACRZ](#)

Renesas Technology Corp  
QFN-48



[ISL6294IRZ-T](#)

Renesas Technology Corp  
QFN-8



[ISL21080CIH315Z-TK](#)

Renesas Technology Corp  
SOT-23-3



[ISL6377HRZ-T](#)

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QFN-48



[ISL62771HRTZ](#)

Renesas Technology Corp  
QFN40



[ISL6506BCBZ](#)

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SOP-8



[ISL62771HRTZ-T](#)

Renesas Technology Corp  
40-WFQFN Exposed Pad



[ISL95808HRZ-T](#)

Renesas Technology Corp  
DFN-8