

Power Driver ICs EL7155CSZ 40 MHZ PIN DRVR W/LVL SHIFTER

Manufacturers	Renesas Technology Corp
Package/Case	SOIC-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EL7155CSZ-T7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The EL7155 high performance pin driver with 3-state is suited to many ATE and level-shifting applications. The 3.5A peak drive capability makes this part an excellent choice when driving high capacitance loads. Output pins OUTH and OUTL are connected to input pins VH and VL respectively, depending on the status of the IN pin. One of the output pins is always in tri-state, except when the OE pin is low, in which case both outputs are in tri-state mode. The isolation of the output FETs from the power supplies enables VH and VL to be set independently, enabling level-shifting to be implemented. This pin driver has improved performance over existing pin drivers. It is specifically designed to operate at voltages down to 0V across the switch elements while maintaining good speed and ON-resistance characteristics. Available in an 8 Ld SOIC package, the EL7155 is specified for operation over the full -40°C to +85°C temperature range.

Features

Clocking speeds up to 40MHz

15ns tr/af at 2000pF C_{LOAD}

0.5ns rise and fall times mismatch

0.5ns t_{ON} - t_{OFF} prop delay mismatch

3.5pF typical input capacitance

3.5A peak drive

Low ON-resistance of 3.5 Ω

High capacitive drive capability

Operates from 4.5V up to 16.5V

Pb-free (RoHS compliant)

Related Products



[EL7202CN](#)

Renesas Technology Corp
DIP-8



[HAT3010R-EL-E](#)

Renesas Technology Corp
SOP8



[EL7155CSZ](#)

Renesas Technology Corp
SO-8



[HAT2183WP-EL-E](#)

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QFN8



[EL7104CSZ](#)

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