


ADSL Receiver Single 8-Pin MSOP Tube

Manufacturer:	Renesas Technology Corp
Package/Case:	MSOP8
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The EL5172 and EL5372 are single and triple high bandwidth amplifiers designed to extract the difference signal from noisy environments. They are primarily targeted for applications such as receiving signals from twisted-pair lines or any application where common mode noise injection is likely to occur. The EL5172 and EL5372 are stable for a gain of one and requires two external resistors to set the voltage gain. The output common mode level is set by the reference pin (VREF), which has a -3dB bandwidth of over 120MHz. Generally, this pin is grounded but it can be tied to any voltage reference. The output can deliver a maximum of $\pm 60\text{mA}$ and is short circuit protected to withstand a temporary overload condition. The EL5172 is available in the 8 Ld SOIC and 8 Ld MSOP packages and the EL5372 in a 24 Ld QSOP package. Both are specified for operation over the full -40°C to $+85^{\circ}\text{C}$ temperature range.

Key Features

Differential input range $\pm 2.3\text{V}$

250MHz 3dB bandwidth

800V/ μs slew rate

60mA maximum output current

Single 5V or dual $\pm 5\text{V}$ supplies

Low power - 5mA to 6mA per channel

Pb-free available (RoHS compliant)



Recommended For You

EL5203IS

Renesas Technology Corp

SOP-8

EL2045CN

Renesas Technology Corp

DIP8

EL4093CS

Renesas Technology Corp

SOP16

EL2480CS

Renesas Technology Corp

SOP14

EL2186CS

Renesas Technology Corp

SOP-8

EL2280CS

Renesas Technology Corp

SOP8

EL2411CS

Renesas Technology Corp

SOP14

EL5172ISZ

Renesas Technology Corp

SOP-8

EL5204IY

Renesas Technology Corp

MSOP10

EL5372IUZ

Renesas Technology Corp

SSOP

EL5146CSZ

Renesas Technology Corp

SOP8

EL2186CN

Renesas Technology Corp

DIP8

EL5100IS-TI3

Renesas Technology Corp

SOP8

EL2286CS

Renesas Technology Corp

SOP14

EL5371IUZ-T7

Renesas Technology Corp

QSOP28