



Category: Current to Voltage
Converters

CIRCUIT IDEAS FOR DESIGNERS

Schematic no. iv_17001.0

+/- 2.5V Current to Voltage Converter

Description

This current to voltage converter rely on the very high input impedance of the operational amplifier. The input current (I) is forced through feedback resistor (R_F), and generates an output voltage equal to $(-I \times R_F)$. This output voltage is valid for output voltages from rail to rail, namely, from $-2.5V$ to $+2.5V$ in this example.

For full schematic diagram and notes, please register and login at aldinc.com