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 \(-2.5\) V to \(+2.5\) V in this example.

Recommended Components

ALD1701, (½ ALD2701 or ¼ ALD4701), ALD1702, (½ ALD2702 or ¼ ALD4702)
ALD1706, (½ ALD2706 or ¼ ALD4706)

Other Related Circuit Ideas