



Notes:

Partial Re-Engineered, partial new design. I replaced the discrete components RMS converter by an AD536 chip. The resistors on the Ceramic are mostly part of amplifiers & voltage dividers on the main board. Values are critical in terms of accuracy. Most of them I had to Mix & Match to get the proper value like exactly 2k, 16k, 20k. I used Metalfilm 1/4 W. In my 8050A the analog switch U22 CD4016 was broken too. (Also check the OpAmp's LF351 & LF358) The 2 trimmers are at least 10 turn versions.

Fluke 8050A AC-RMS to DC converter

Reversed Engineered / designed to repair my Fluke 8050A's

Satbeginner

Rev 1.0

17-7-2016

Ceramic Hybrid Rework