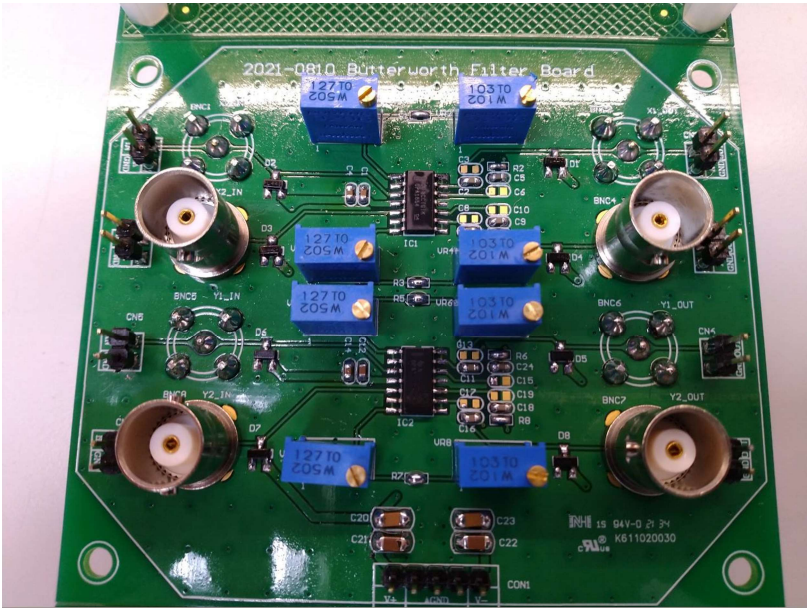


Test equipment and environment :



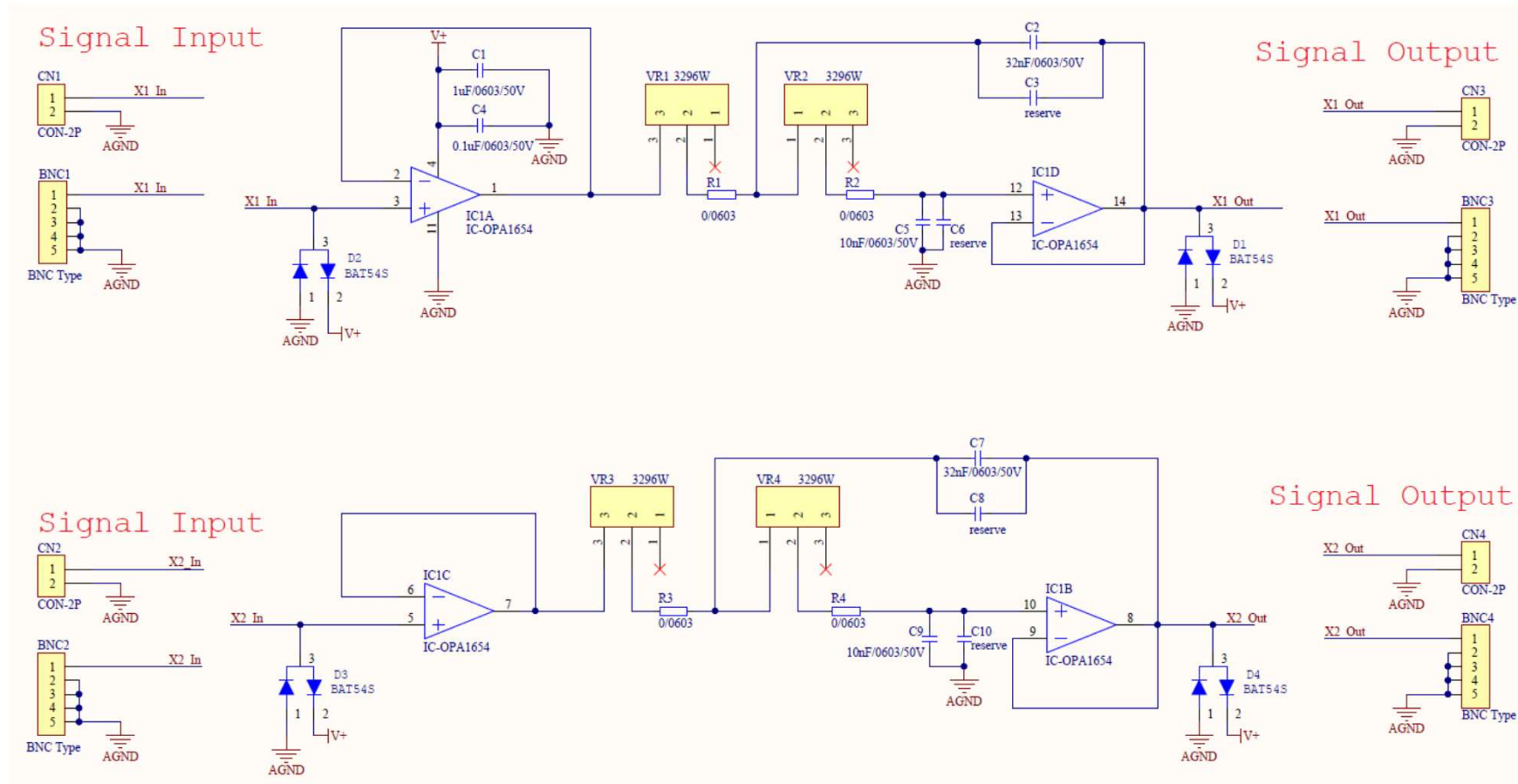
FLUKE 179 TRUE RMS MULTIMETER



Input Side

Output Side

Circuit diagram :



Test Results :



FLUKE 179 TRUE RMS MULTIMETER

Input Value(V)	Output Value(V)	Error Value(V)
0	0.03	-0.03
0.1	0.102	-0.002
0.2	0.201	-0.001
0.3	0.3	0
0.5	0.5	0
1	1	0
1.5	1.5	0
2	2	0
2.5	2.5	0
3	3	0
3.5	3.5	0
4	4	0
4.5	4.5	0
5	5	0

Questions and discussions :

1 . Why does the OPA output have an error value of 30mV when the input voltage is 0V?

2. When the input voltage is low, such as 0V ~ 0.2V, the OPA output will have an error of 1~2mV?

Remarks: OPA power supply is single power +15V