



B

B

A

A

2

1

2

1

DC
 0V No Flame
 +0.825, -0.825 Flame

AC
 +6V to -6V No Flame
 +3V to -3V Flame

DC Filter

DC
 0V No Flame
 +0.825, -0.825 Flame

AC
 +6V to -6V No Flame
 +3V to -3V Flame

DC Filter

0.825V * 2 = 1.65V
 Offset for ADC

DC
 1.65V No Flame
 1.65V + delta Flame
 1.65V - delta Flame

Voltages are nominal

Flame Sense 2
 Pico Rev 3
 U.S. Patent
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