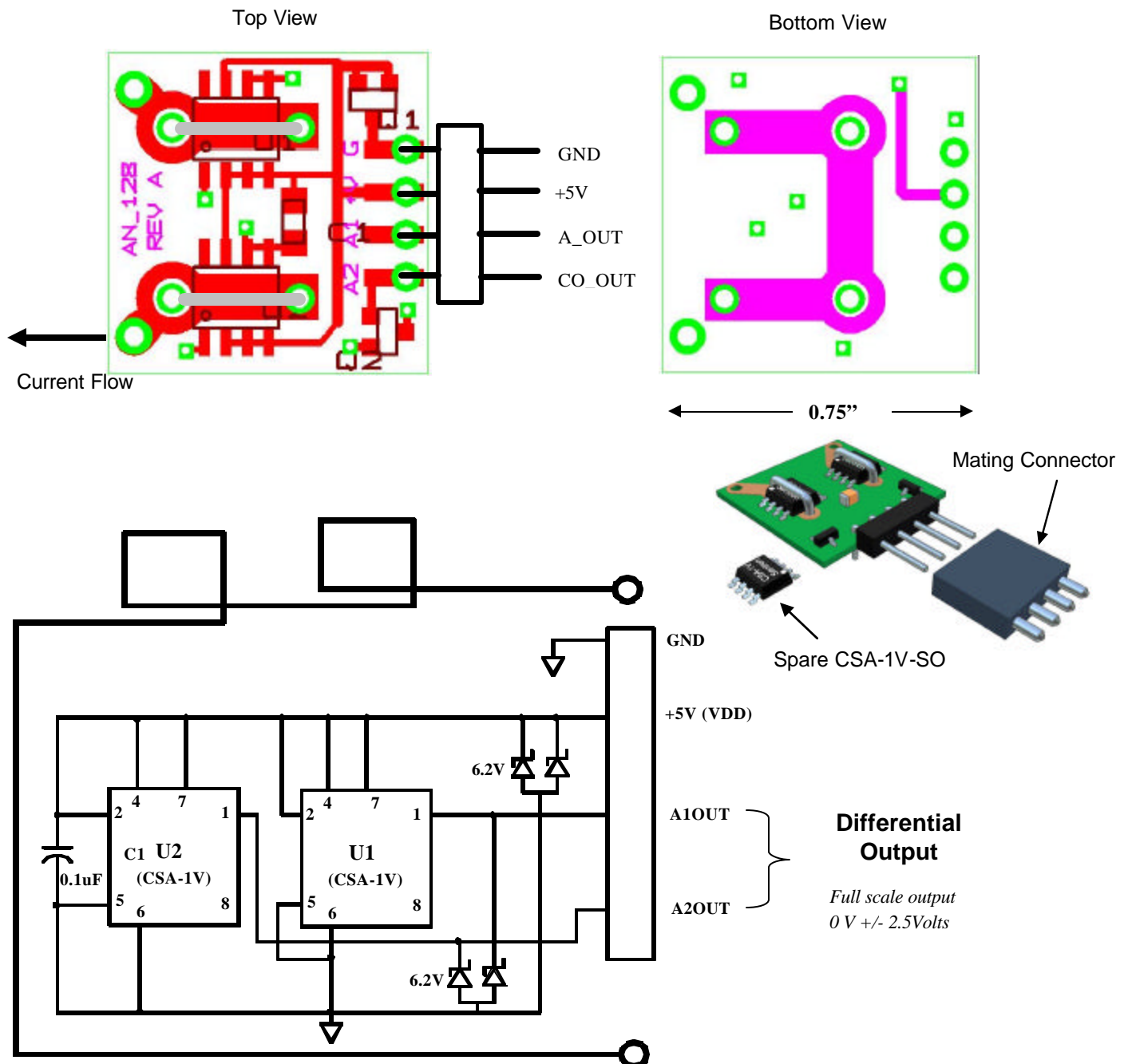


Applications:

Medium current range - 0 to 8 amps. Peak Current 22 amps < 1sec. High stray field immunity and high sensitivity

Operation:

Output voltage can be measured between A1OUT and A2OUT for a differential output. The output voltage can be as high as +/- 5volts because of the differential output. Current in the direction shown, will produce a positive going output. Current in the opposite direction will produce a negative going output. AC current will produce an AC analog output. The output sensitivity level is approximately 210 mV/amp. Because the two IC's see the same external fields, the resulting differential voltage is canceled out. Supply voltage, VDD, and outputs are protected with 6.2 volt zeners.



Differential Output
Full scale output
0 V +/- 2.5Volts