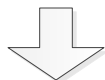
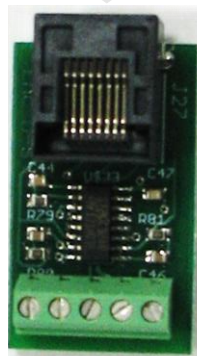
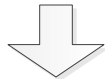
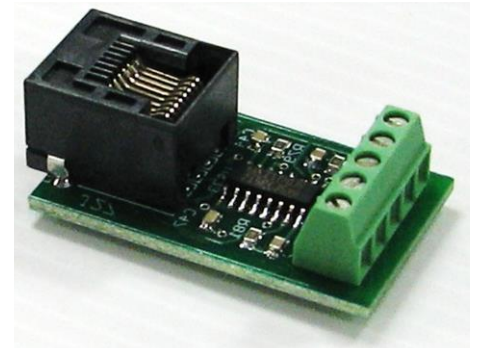


## Encoder Differential to Single Ended Converter

Pin #	CAT5 Wire Color	Function
1	White/Orange	A+
2	Orange	A-
3	White/Green	B+
4	Blue	5V Power
5	White/Blue	GND
6	Green	B-
7	White/Brown	I+
8	Brown	I-

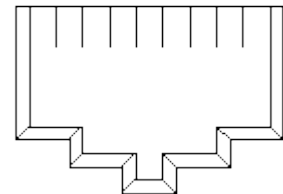


Label	Function
0V	GND
I	Index
B	Phase B
+5	5V Power
A	Phase A



Looking into the RJ45 jack

Pin # 1 2 3 4 5 6 7 8



*Note: All the signals are 5V logic. Also, you must supply 5V on pin 4 for the converter to function.*