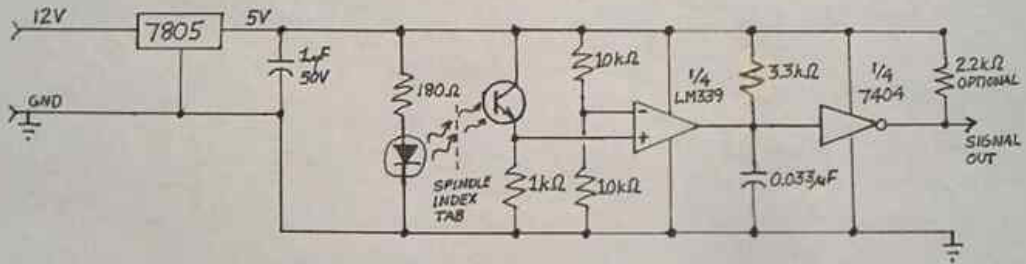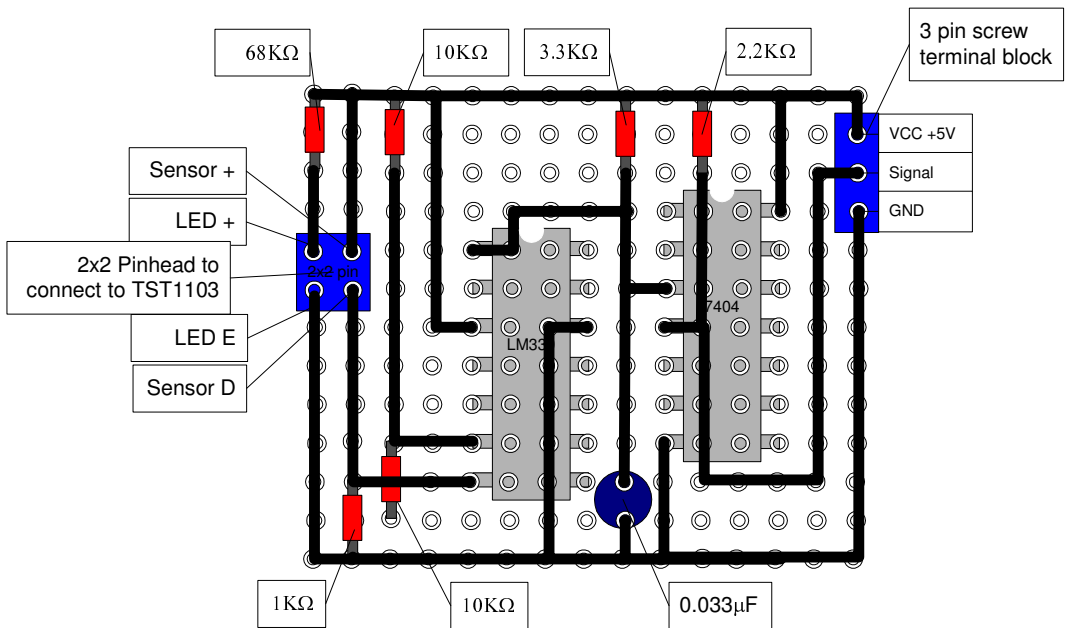SPINDLE ENCODER CIRCUIT

LED P/N 276-143 (RS)
XSISTOR P/N 276-145 (RS)

Lay out of Dave's encoder circuit.
Viewed from above components - Solder traces on backside. I used thin wire and put a spot of solder on each dot crossed.
10KΩ resister crosses/staddles a trace
I used a standard paper based prototyping board with copper film around holes.
The sensor used was a TCST1103 mounted remotely.
I didn't use the 7805 and cap as my controller had 5V VCC available.