Vcc

LED1
1
2
R3 1K

U1
Anode 1
Cathode 2
Vcc 3
Vout 4
GND 5
H21LOB

R2
220

R1
10K

CONN1
1
2
3
22-23-2031

RepRap Generation 7 Electronics Opto Endstop
compatible with Gen2, Gen3 and other electronics
http://reprap.org/wiki/Generation_7_Electronics
derivative of Opto Endstop v2.1