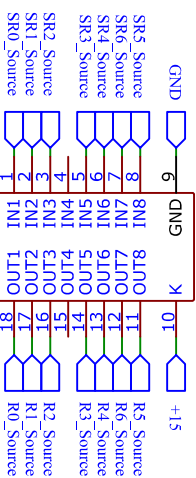
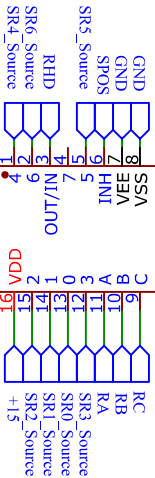


Back views for debugging



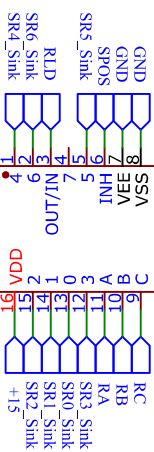
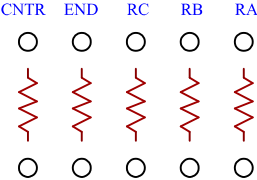
Source  
Inverting outputs  
15V turns source off  
0V turns source on  
10k resistors built in

ULN2580A

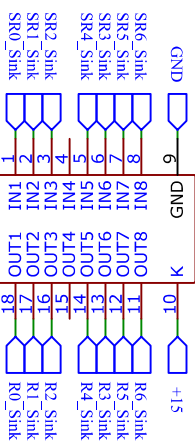


CD4051

Circles are pads of resistor network



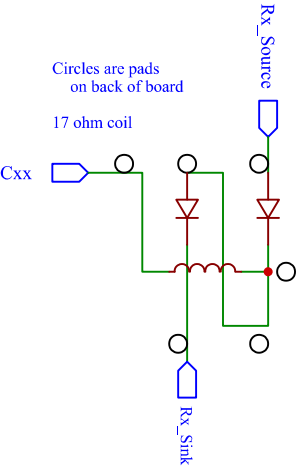
CD4051



Sink  
15V turns sink on  
0v turns sink off  
No built in resistor

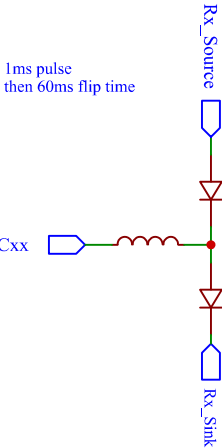
ULN2801A

Flip Disk Cell



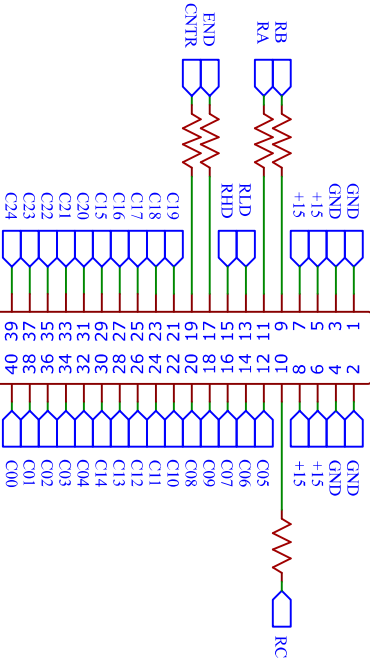
Circles are pads  
on back of board

17 ohm coil



1ms pulse  
then 60ms flip time

Cxx



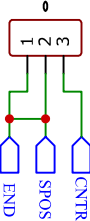
Pin Side view of male conn

RC msb  
RA lsb  
RLD Row low drive  
RHD Row high drive  
CNTR Center slave  
END End slave

10k resistors L-R  
END  
CNTR  
RC  
RB  
RA  
2 caps between +15 and GND

Actual supply voltage not known  
+15 works better than +12

Position Jumper



END jumper in place

TITLE: Luminator Mark IV Slave Display 2.7"		REV: 1.0
EasyEDA	Company: John Wolfe	Sheet: 1/1
	Date: 2024-02-25	Drawn By: jpwolfe31