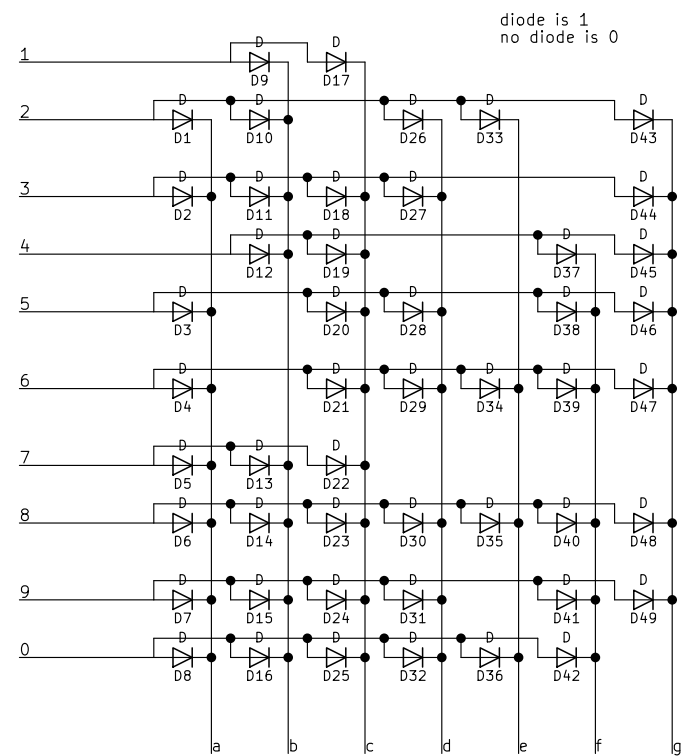
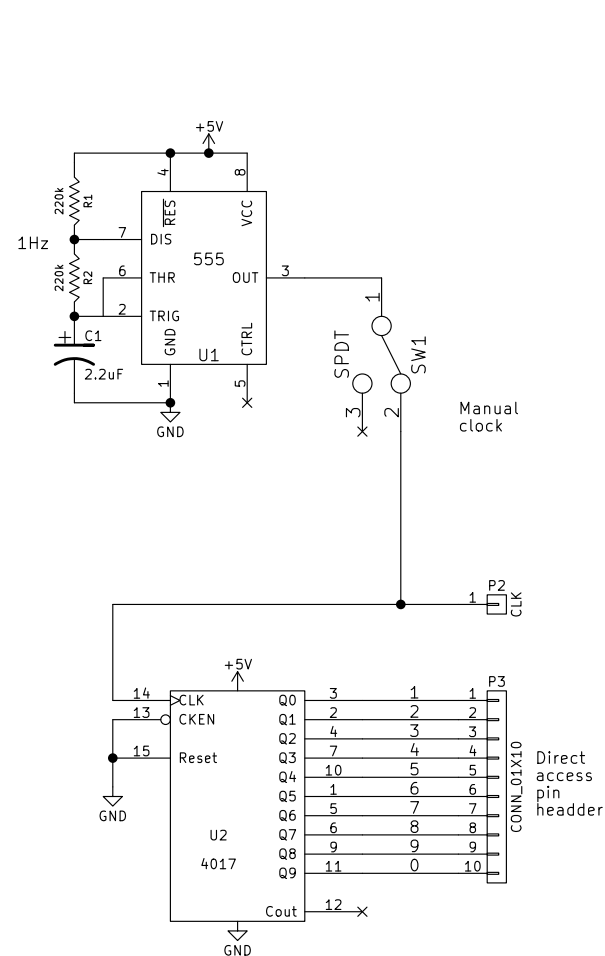


This is a diode ROM
similar that was used in pioneers of
computing. Look up "diode matrix"

Q: lolwtf?
A: The matrix of diodes is hardwired memory.
Each row is one word/byte with the
length of 7 bits. The circuit 'stores' data
for displaying a number on a 7 segment LED display
(hence 7 bit word)
I'll be making the memory and the display from
discrete diodes and the only chips are for
changing the address. Counting up at 1Hz frequency.
It would also work by putting logic HIGH on anode
of one of the leftmost diodes and get your output
on the bottom. That's where the display is wired.



1 - abcdefg
2 - 0110000
3 - 1101101
4 - 1111001
5 - 0110011
6 - 1011011
7 - 1111111
8 - 1111000
9 - 1111111
0 - 1111011
- 1111110

