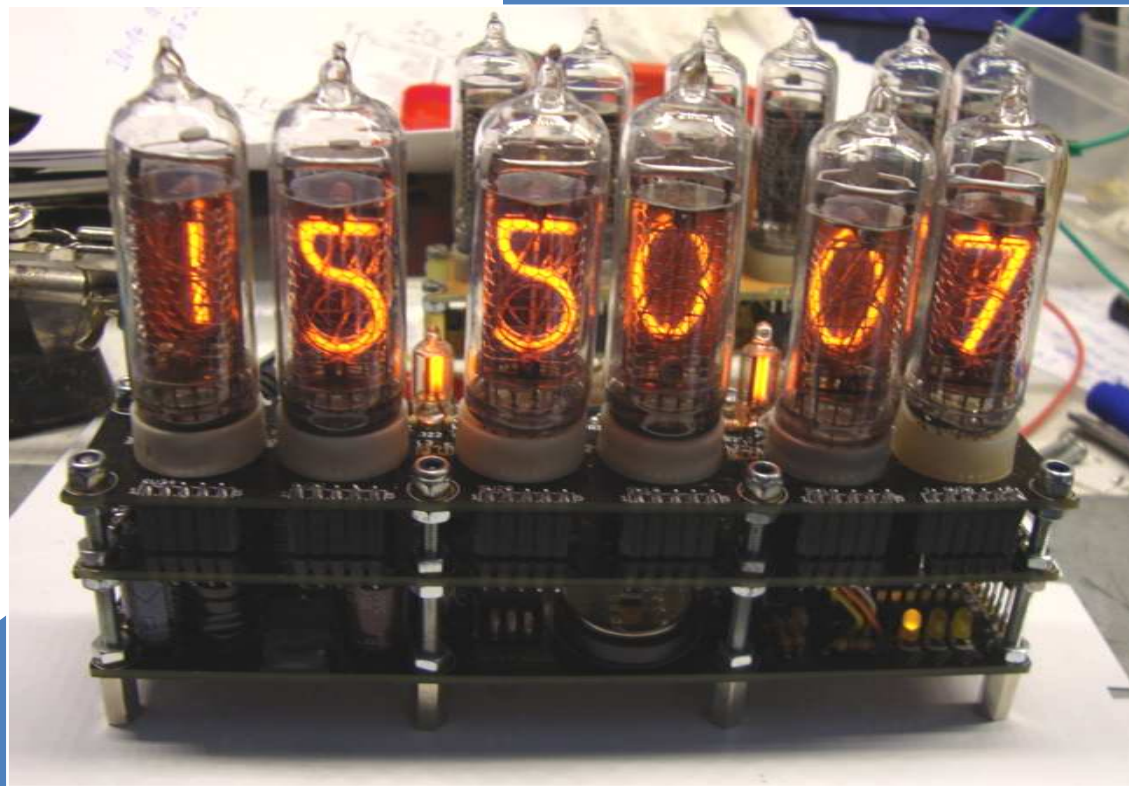


## IN-14 Nixie Clock – Part List



## Bottom PCB

### Part list

Parts	Value	Extra info
R1, R12, R13, R14	1K	SMD 0805
R2, R8, R9, R10	10K	SMD 0805
R3	56K	SMD 0805
R4	2K2	
R5	220K	
R6	470R	
R11, R61, R62	4K7	
R7	1K	Potentiometer
C1, C2	220 $\mu$ F 25V	3.5mm pitch 8mm diameter
C4, C7, C8, C9, C10	100nF	SMD 0805
C3	2.2nF	5mm pitch
C5	2.2nF	2.5mm pitch
C6	4.7 $\mu$ F 250V	3.5mm pitch 8mm diameter
C12	100nF	5mm pitch
D1	1N4007	
D2	UF4007	Or
Q1	BC547	BC547
Q2	IRF740	IRF740
Q3	32,768KHz	CRYSTALTC38H
LED1, LED2, LED3	LED3MM	
S1, S2, S3	Push button	Angled 90°
L1	100 $\mu$ H Coil	
IC1	LM555	Dip 8
IC2	7805	+bolt and nut
IC3	PIC16F628	Needs programming
IC4	DS18B20	
IC12	DS1307	
J2	DC jack	
SV13	6 pin header	Long leads
G1	CR2032 coin cell holder	+ CR2032 Cell

## Middle PCB

### Part list

Parts	Value	Extra info
C1, C2, C3, C4, C5, C6, C7, C8, C9	100nF	SMD 0805
IC3, IC6, IC9	74HC595	SMD
IC1, IC2, IC4, IC5, IC7, IC8	74141	
SV1	6 pin female header	
SV14	6 pin male header	
SV2, SV3, SV4, SV5, SV6, SV7, SV8, SV9, SV10, SV11, SV12	5 pin male header	

## Top PCB

### Part list

<b>Parts</b>	<b>Value</b>	<b>Extra info</b>
R1, R2, R3, R4, R5, R6	33K	
IC3, IC6, IC9	220K	
N1, N2, N3, N4, N5, N6	IN-14	
L1, L2	NEON	
SV1	6 pin female header	
SV2, SV3, SV4, SV5, SV6, SV7, SV8, SV9, SV10, SV11, SV12	5 pin female header	