

Bill Of Materials January 12,2021 16:46:07 Page1

Item	Quantity	Reference	Part
1	1	B1	BEEPER DB Unlimited IE092505-1
2	1	C3	100uf/25v Cornell Dubilier SK101M025ST
3	2	C4,C6	10uf/25V Cornell Dubilier SK100M025ST
4	5	C5,C7,C8,C9,C11	0.1uf/50V KEMET C315C104M5U5TA
5	1	D1	1N4001
6	1	H1	TE Connectivity AMP MAT-156 640445-2
7	1	H2	ICD TE Connectivity AMP male 640456-6
8	12	H3,H4,H5,H6,H7,H8,H9,H10, H11,H12,H13,H14	HEADER 2x5 male
9	12	H15,H16,H17,H18,H19,H20, H21,H22,H23,H24,H25,H26	HEADER 2x5 female flat cable crimpable
10	1	H15	BEEPER ON-OFF SULLINS CONNECTORS PRPC001DAAN-RC
11	1	LED1	LED 5mm RED LUMEX SSL-LX5093ID
12	1	LED6,LED7	RED/GREEN dual LED common cathode
13	4	LED2,LED3,LED4,LED5	LED 3mm AMBER LUMEX SSL-LX3044AD
14	2	Q1,Q2	2N7000
15	3	Q3,Q4,Q5	MPSA42
16	9	R1,R3,R4,R5,R6,R7,R8,R9, R10	10K
17	2	R2,R19	330R
18	6	R11,R12,R13,R14,R15,R16	22K
19	2	R17,R18	1K3
20	1	U1	PIC16F1789
21	1	U2	LM7805
22	1	U3	LP2950-33
23	1	U5	DS3234A-SIP
24	5	U6,U7,U8,U9,U10	Russian K155ID1 or 74141
25	1	U11	HI-VOLTAGE MODULE (eBay https://ebay.us/fXL7k0)
26	1	U12	MAESTRO A2035H GPS
27	6	V1,V2,V3,V4,V5,V6	NIXIE TUBE 8421

Hardware:

28	5	10 conductors flat cable each 3" long
29	6	8421 Nixie Tube ceramic sockets
30	2	Aluminium brakets display PCB holder
31	4	Metal standoffs 4-40 0.75" high (display PCB holder)
32	6	Plastic standoffs 4-40 0.25" high (Main PCB holder)
33	1	40 pins machined IC socket Mill-Max 110-44-640-41-001000
34	5	16 pins machined IC socket Mill-Max 110-44-316-41-001000
35	1	9vdc 1A walwart power supply
36	1	Acrylic top lid
37	1	Hard wooden base