











	A	B	C	D	E	F	G
1	Component Count:	36					
2							
3	Ref	Qty	Value	Cmp name	Footprint	Description	Vendor
4							
5	BZ1,	1	Buzzer	Buzzer	Buzzer_Beeper:Buzzer_12x9.5RM7.6	Buzzer, polarized	
6							
7	C1,	1	1uF	GCM31MR71H105KA55L	Capacitor_SMD:C_1206_3216Metric_Pad1.42x1.75mm_HandSolder	Unpolarized capacitor	
8							
9	D1,	1	SS14	SS14	Diode_SMD:D_SMA_Handsoldering	Schottky diode	
10							
11	DS1, DS2, DS3, DS4,	4	IN12	IN12	nixie clock:in12		
12							
13	J1, J5,	2	Conn_01x05_Male	Conn_01x05_Male	Connector_PinHeader_2.54mm:PinHeader_1x05_P2.54mm_Vertical	Generic connector, single row, 01x05, script generated (kicad-library-utils/schlib/autogen/connector/)	
14							
15	J2,	1	Conn_01x03_Male	Conn_01x03_Male	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical	Generic connector, single row, 01x03, script generated (kicad-library-utils/schlib/autogen/connector/)	
16							
17	J3,	1	Conn_01x02_Male	Conn_01x02_Male	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	Generic connector, single row, 01x02, script generated (kicad-library-utils/schlib/autogen/connector/)	
18							
19	J4, J6,	2	Conn_01x02_Male	Conn_01x02_Male	nixie clock:PinHeader_1x02_P5.08mm_Vertical	Generic connector, single row, 01x02, script generated (kicad-library-utils/schlib/autogen/connector/)	
20							
21	NE1, NE2,	2	Lamp_Neon	ne-2	nixie clock:neon	Neon lamp	
22							
23	Q1,	1	MJE13003	MJE13003	Package_TO_SOT_THT:TO-126-3_Vertical	1.5A Ic, 400V Vce, Silicon Switching Power NPN Transistor, TO-225	
24							
25	Q2,	1	Q_NMOS_GSD	AO3400A	Package_TO_SOT_SMD:SOT-23	N-MOSFET transistor, gate/source/drain	
26							
27	R7, R11, R17, R18, R19, R20,	6	100 1206W4F1000T5E		Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	Resistor	
28							
29	R8, R12,	2	10k	1206W4F1002T5E	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	Resistor	
30							
31	R9, R10,	2	100k	1206W4F1003T5E	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	Resistor	
32							
33	R13, R14, R15, R16,	4	47k	1206W4F4702T5E	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	Resistor	
34							
35	U1,	1	K155ID1	K155ID1	Package_DIP:DIP-16_W7.62mm_Socket		
36							
37	U7, U8, U9, U10,	4	TLP627	TLP627	Package_DIP:SMDIP-4_W7.62mm	DC Darlington Optocoupler, Vce 300V, CTR 1000%, DIP4	

