Bill of materials
Arduino Euclidean Rhythm Generator
TimMJN

github.com/TimMJN/Arduino-Euclidean-Rhythm-Generator
Version 1.0
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Id	Designator	Quantity	Designation	Supplier and ref
2	R38,R48	2	100k	1/4w
3	R39,R49	2	1M	1/4w
4	J15,J13,J9	3	Conn_01x06	female header
5	J14,J12,J8	3	Conn_01x06	male header
6	J11	1	Conn_01x10	female header
7	J10	1	Conn_01x10	male header
8	U1,U2,U4,U5	4	TLC5940	
9	D11,D53,D1,D19,D37,D57,D2,D20,D38,D58,D3,D21,D39,D59,D4,D22,D40,D60,D5,D23,D41,D61,D6,D24,D42,D62,D7,D25,D43,D63,D8,D26,D44,D64,D9,D27,D45,D65,D10,D28,D46,D66,D29,D47,D67,D12,D30,D48,D68,D13,D31,D49,D69,D14,D32,D50,D70,D15,D33,D51,D71,D16,D34,D52,D72	65	3mm LED	optionally use different colours: 4x16 + 1x clock
10	A1	1	Arduino_Nano	
11	C3,C10,C26,C4,C9,C15,C21	7	100nF	
12	C25	1	330nF	
13	C22,C27,C1,C7,C13,C19	6	10uF	
14	C18	1	220nF	
15	C2,C5,C8,C11,C14,C16,C20,C23,C6,C12,C17,C24	12	10nF	
16	D54,D56	2	1N5817	
17	J5,J6,J1,J2,J3,J4	6	AudioJack	
18	J7	1	Conn_02x05	box header
19	Q5,Q6,Q1,Q2,Q3,Q4	6	2N3904	
20	R22,R33,R36,R45,R14,R3,R9,R21,R27,R35,R42,R51,R55,R7,R24,R40,R53,R1,R	37	10k	1/4w
21	R37,R47,R4,R12,R18,R29	6	1k	1/4w
22	R52,R57	2	10R	1/4w
23	R15,R32,R44,R58	4	4k7	1/4w
24	SW4	1	SW_Push	PBS-110
25	SW1,SW2,SW3,SW5	4	Rotary_Encoder_Switch	EC11
26	U6	1	L7805	
27	U3	1	MCP23017	