Arduino Sequencer
TimMJN

Rev: 1.31
29-05-2022

	Sourced	Placed	References	Value	Notes	Quantity
1	☐	☐	C5, C7, C10, C12, C13, C14	100nF	Ceramic	6
2	☐	☐	C1, C2, C3	220nF	Ceramic	3
3	☐	☐	C4, C6	470nF	Ceramic	2
4	☐	☐	C8, C11	10uF	Electrolytic	2
5	☐	☐	C9	330nF	Electrolytic (or ceramic)	1
6	☐	☐	R1, R3, R4, R7, R8, R10, R11, R14, R16, R20, R25, R39, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R66, R71, R78	1k	1/4 W	31
7	☐	☐	R2, R9, R15, R26, R29, R30, R31, R32, R33, R34, R35, R36, R40, R41, R42, R43, R44, R45, R46, R47, R48, R72, R79	10k	1/4 W	23
8	☐	☐	R5, R12, R17, R19, R21, R23, R24, R28, R65, R67, R69, R70, R74	100k	1/4 W	13
9	☐	☐	R27, R37, R38, R73, R75, R76	68k	1/4 W	6
10	☐	☐	R6, R13, R18	1M	1/4 W	3
11	☐	☐	R22, R68	18k	1/4 W	2
12	☐	☐	R77, R80	10R	1/4 W	2
13	☐	☐	D1, D2, D4, D5, D6, D8, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37	LED	5 mm	18
14	☐	☐	D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25	1N4148	small signal diode	16
15	☐	☐	D3, D7, D9	1N5817	Schottky diode	3
16	☐	☐	U2, U3	TL084	or TL074	2
17	☐	☐	U1	74HC595	SIPO shift register	1
18	☐	☐	U5	L7805	5v regulator	1
19	☐	☐	SW1, SW5, SW6	SW_SPST	toggle switch	3
20	☐	☐	SW2, SW3, SW4	SW_Push	PBS-110 NO momentary push button	3
21	☐	☐	A1	Arduino_Nano	Arduino Nano	1
22	☐	☐	RV1, RV2, RV3, RV4, RV5, RV6, RV7, RV8, RV9, RV10, RV11, RV12, RV13, RV14, RV15, RV16, RV19, RV22	B100k	alpha 9 mm pot	18
23	☐	☐	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11	2N3904	NPN BJT	11
24	☐	☐	H1, H2, H3, H4	MountingHole_Pad		4
25	☐	☐	RV17, RV20	A1M	alpha 9 mm pot	2
26	☐	☐	RV18, RV21	B200k	alpha 9 mm pot (swap with B250k if unavailable)	2
27	☐	☐	J1, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16	AudioJack	6.35 mm audio jack	15
28	☐	☐	J17	Conn_02x05	2x5 IDC box header	1