

Arduino Sequencer

TimMJN

Rev: 1.22

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	Sour ced	Plac ed	References	Notes	Value	Footprint	Quant ity
1	<input type="checkbox"/>	<input type="checkbox"/>	C4, C6	Ceramic	470nF	C_Disc_D14.5mm_W5.0mm_P7.50mm	2
2	<input type="checkbox"/>	<input type="checkbox"/>	C5, C7, C10, C12	Ceramic	100nF	C_Disc_D6.0mm_W2.5mm_P5.00mm	4
3	<input type="checkbox"/>	<input type="checkbox"/>	C1, C2, C3	Ceramic	220nF	C_Disc_D6.0mm_W2.5mm_P5.00mm	3
4	<input type="checkbox"/>	<input type="checkbox"/>	C8, C11	Electrolytic	10uF	CP_Radial_D5.0mm_P2.50mm	2
5	<input type="checkbox"/>	<input type="checkbox"/>	C9	Electrolytic	330nF	CP_Radial_D5.0mm_P2.50mm	1
6	<input type="checkbox"/>	<input type="checkbox"/>	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	1/4 W	1k	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	31
7	<input type="checkbox"/>	<input type="checkbox"/>	R2, R9, R15, R26, R29, R30, R31, R32, R33, R34, R35, R36, R40, R41, R42, R43, R44, R45, R46, R47, R48, R72, R79	1/4 W	10k	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	23
8	<input type="checkbox"/>	<input type="checkbox"/>	R5, R12, R17, R19, R21, R23, R24, R28, R65, R67, R69, R70, R74	1/4 W	100k	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	13
9	<input type="checkbox"/>	<input type="checkbox"/>	R27, R37, R38, R73, R75, R76	1/4 W	68k	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	6
10	<input type="checkbox"/>	<input type="checkbox"/>	R6, R13, R18	1/4 W	1M	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	3
11	<input type="checkbox"/>	<input type="checkbox"/>	R22, R68	1/4 W	18k	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	2
12	<input type="checkbox"/>	<input type="checkbox"/>	R77, R80	1/4 W	10R	R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal_Value_Silks	2
13	<input type="checkbox"/>	<input type="checkbox"/>	D1, D2, D4, D5, D6, D8, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37	5 mm	LED	LED_D5.0mm	18
14	<input type="checkbox"/>	<input type="checkbox"/>	D3, D7, D9	Schottky diode	1N5817	D_D0-41_SOD81_P10.16mm_Horizontal	3
15	<input type="checkbox"/>	<input type="checkbox"/>	D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25	small signal diode	1N4148	D_D0-35_SOD27_P7.62mm_Horizontal	16
16	<input type="checkbox"/>	<input type="checkbox"/>	U5	5v regulator	L7805	T0-220-3_Vertical	1
17	<input type="checkbox"/>	<input type="checkbox"/>	U1	SIPO shift register	74HC595	DIP-16_W7.62mm_Socket	1
18	<input type="checkbox"/>	<input type="checkbox"/>	U2, U3	or TL072	TL084	DIP-14_W7.62mm_Socket	2
19	<input type="checkbox"/>	<input type="checkbox"/>	SW2, SW3, SW4	PBS-110	SW_Push	Push_button_PBS-110	3
20	<input type="checkbox"/>	<input type="checkbox"/>	SW1, SW5, SW6	toggle switch	SW_SPST	Switch_SP	3
21	<input type="checkbox"/>	<input type="checkbox"/>	A1	Arduino Nano	Arduino_Nano	Arduino_Nano_2x_header	1
22	<input type="checkbox"/>	<input type="checkbox"/>	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11	NPN BJT	2N3904	T0-92_Inline_Wide	11
23	<input type="checkbox"/>	<input type="checkbox"/>	RV1, RV2, RV3, RV4, RV5, RV6, RV7, RV8, RV9, RV10, RV11, RV12, RV13, RV14, RV15, RV16, RV19, RV22	alpha 9 mm pot	B100k	Potentiometer_Alpha_9mm_single_gang	18
24	<input type="checkbox"/>	<input type="checkbox"/>	RV17, RV20	alpha 9 mm pot	A1M	Potentiometer_Alpha_9mm_single_gang	2
25	<input type="checkbox"/>	<input type="checkbox"/>	RV18, RV21	alpha 9 mm pot	B200k	Potentiometer_Alpha_9mm_single_gang	2

	Sour ced	Plac ed	References	Notes	Value	Footprint	Quant ity
26	<input type="checkbox"/>	<input type="checkbox"/>	J17	2x5 IDC box header	Conn_02x05	IDC-Header_2x05_P2.54mm_Vertical	1
27	<input type="checkbox"/>	<input type="checkbox"/>	J1, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16	6.35 mm audio jack	AudioJack	Jack_JST_conn_1x02_P2.50mm	15