

Arduino Clock Divider

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	Sour ced	Plac ed	References	Value	Notes	Qua nti ty
1	<input type="checkbox"/>	<input type="checkbox"/>	C1, C3, C12, C13, C14	100nF	Ceramic	5
2	<input type="checkbox"/>	<input type="checkbox"/>	C4, C5, C16, C17	10uF	Electrolytic	4
3	<input type="checkbox"/>	<input type="checkbox"/>	C6, C7, C8	220nF	Ceramic	3
4	<input type="checkbox"/>	<input type="checkbox"/>	C10, C11, C15	10nF	Ceramic	3
5	<input type="checkbox"/>	<input type="checkbox"/>	C2	330nF	Electrolytic	1
6	<input type="checkbox"/>	<input type="checkbox"/>	C9	470nF	Film	1
7	<input type="checkbox"/>	<input type="checkbox"/>	R9, R10, R11, R12, R22, R25, R26, R27, R30, R33, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50	10k	1/4 W	26
8	<input type="checkbox"/>	<input type="checkbox"/>	R13, R14, R15, R16, R19, R20, R21, R29, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66	1k	1/4 W	24
9	<input type="checkbox"/>	<input type="checkbox"/>	R1, R2, R3, R4, R23, R24	100k	1/4 W	6
10	<input type="checkbox"/>	<input type="checkbox"/>	R5, R6, R7, R8	1M	1/4 W	4
11	<input type="checkbox"/>	<input type="checkbox"/>	R17, R18	10R	1/4 W	2
12	<input type="checkbox"/>	<input type="checkbox"/>	R31, R32	27k	1/4 W	2
13	<input type="checkbox"/>	<input type="checkbox"/>	R28	220k	1/4 W	1
14	<input type="checkbox"/>	<input type="checkbox"/>	R34	4k7	1/4 W	1
15	<input type="checkbox"/>	<input type="checkbox"/>	D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16	LED	3 mm	12
16	<input type="checkbox"/>	<input type="checkbox"/>	D1, D2, D3, D4	1N5817	Schottky diode	4
17	<input type="checkbox"/>	<input type="checkbox"/>	U5, U6, U7, U8, U9, U10, U11, U12	2354BS	2.5 digit 7-segment display	8
18	<input type="checkbox"/>	<input type="checkbox"/>	U3, U4	MAX7219	display driver	2
19	<input type="checkbox"/>	<input type="checkbox"/>	U1	L7805	5V regulator	1
20	<input type="checkbox"/>	<input type="checkbox"/>	U2	TL082	or TL072	1
21	<input type="checkbox"/>	<input type="checkbox"/>	U13	74HC595	SIPO shift register	1
22	<input type="checkbox"/>	<input type="checkbox"/>	SW1, SW2, SW3	SW_Push	PBS-110	3
23	<input type="checkbox"/>	<input type="checkbox"/>	SW4	Rotary_Encoder_Swit ch	EC-11 rotary encoder with switch	1
24	<input type="checkbox"/>	<input type="checkbox"/>	A1	Arduino_Nano	Arduino Nano	1
25	<input type="checkbox"/>	<input type="checkbox"/>	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12	2N3904	NPN BJT	12
26	<input type="checkbox"/>	<input type="checkbox"/>	RV1	B10k	Alpha 9 mm pot	1
27	<input type="checkbox"/>	<input type="checkbox"/>	RV2	B100k	Alpha 9 mm pot	1
28	<input type="checkbox"/>	<input type="checkbox"/>	J2, J3, J4, J6, J7, J8, J9, J10, J11, J12, J13, J14	AudioJack	6.35 mm audio jack	12
29	<input type="checkbox"/>	<input type="checkbox"/>	J15, J16	Conn_01x14	1x14 male header	2
30	<input type="checkbox"/>	<input type="checkbox"/>	J17, J18	Conn_01x14	1x14 female header	2
31	<input type="checkbox"/>	<input type="checkbox"/>	J1	AudioJack	6.35 mm audio jack, switched	1
32	<input type="checkbox"/>	<input type="checkbox"/>	J5	Conn_02x05	2x5 IDC box header	1