



RESISTOR DECADE BOX

Last Modified 4/18/2022

Drawn by Alexander Osborne

Osborne
Electrical Engineering

www.osborneee.com
[www.github.com/amosborne](https://github.com/amosborne)
www.linkedin.com/in/alexander-m-osborne/

Line #	Designator	Description	Quantity	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1
1	J1, J2, J3, J4, J5, J6, J7	12 POLE, SINGLE THROW, ROTARY SWITCH	7	Grayhill	56SD30-01-1-AJS	Digi-Key	56SD30-01-1-AJS-ND
2	J8	BINDING POST, WHITE	1	Pomona Electronics	3760-9	Digi-Key	501-1470-ND
3	J9, J11	BINDING POST, GRAY	2	Pomona Electronics	3760-8	Digi-Key	501-1714-ND
4	J10	BINDING POST, BLACK	1	Pomona Electronics	3760-0#	Digi-Key	501-2472-ND
5	J12, J13, J14, J15, J16, J17, J18, J19, J20, J21	BINDING POST, YELLOW	10	Pomona Electronics	1581-4	Digi-Key	501-1082-ND
6	J22, J23, J24, J25, J26, J27, J28, J29, J30, J31	BINDING POST, BLUE	10	Pomona Electronics	1581-6	Digi-Key	501-1084-ND
7	K1, K2, K3, K4, K5, K6, K7	Knurled, Straight Knob	7	Kilo International	JD-90-4-6	Digi-Key	226-4035-ND
8	K8	Cast Aluminum Box, 8.75" x 5.74"	1	Bud Industries	CN-5711	Digi-Key	377-1522-ND
9	K9	M3.5-0.6, 8mm Steel Pan Head Machine Screw	1	Small Parts	M3.58D7985AB	Amazon	B00F33TNJS
10	K10	GENNEL G109 Thermal Conductive Glue	1	GENNEL	G109	Amazon	B072MSXHJD
11	K11	18AWG White Hook-Up Wire, 19/30 ETFE	1	Alpha Wire	AZ181930WH005	Digi-Key	AZ181930W-100-ND
12	P1	Solderless Banana Plugs White	1	Pomona Electronics	1825-9	Digi-Key	501-1317-ND
13	R1, R8, R15, R22, R29, R36, R43, R50, R57, R64	RES 1Ω 1% 50ppm/K 12.5W	10	Stackpole Electronics	KAL10FB1R00	Digi-Key	KAL10FB1R00-ND
14	R2, R9, R16, R23, R30, R37, R44, R51, R58, R65	RES 10Ω 1% 50ppm/K 10W	10	Riedon	UAL10-10RF8	Digi-Key	696-1491-ND
15	R3, R10, R17, R24, R31, R38, R45, R52, R59, R66	RES 100Ω 1% 50ppm/K 600mW	10	Vishay BCcomponents	MRS25000C1000FRP00	Digi-Key	PPC100ZCT-ND
16	R4, R11, R18, R25, R32, R39, R46, R53, R60, R67	RES 1kΩ 1% 50ppm/K 600mW	10	Vishay BCcomponents	MRS25000C1001FRP00	Digi-Key	PPC1.00KZCT-ND
17	R5, R12, R19, R26, R33, R40, R47, R54, R61, R68	RES 10kΩ 1% 50ppm/K 600mW	10	Vishay BCcomponents	MRS25000C1002FC100	Digi-Key	BC3955CT-ND
18	R6, R13, R20, R27, R34, R41, R48, R55, R62, R69	RES 100kΩ 1% 50ppm/K 600mW	10	Vishay	MRS25000C1003FCT00	Digi-Key	BC3327CT-ND
19	R7, R14, R21, R28, R35, R42, R49, R56, R63, R70	RES 1MΩ 1% 50ppm/K 600mW	10	Vishay BCcomponents	MRS25000C1004FRP00	Digi-Key	56-MRS25000C1004FRP00CT-ND