

DCCircuits	DC Circuits	Royal St. George's College	Year	2022/2023
Single Kit	Quote?	Parts List	C. D'Arcy	52 units
Quantity	Line #	Part	Supplier	Note
1	1	Resistor Kit	ABRA/Sparkfun	10969
3	2	Breadboard	ABRA	ABRA-12
3	3	9V Battery	ABRA	Panasonic
4	4	9V Battery Clip	ABRA	2.1mm
1	5	9V DC Adapter 1A	ABRA/ADA63	2.1mm
1	6	4 x AA Battery Holder	ABRA	150-340
2	7	Jumper Wire Kit	ABRA	144 pcs
1	8	5mm LED Pack	ABRA/Sparkfun	20 pc
4	9	Bi Color LED	ABRA	R/G
1	10	Tactile Switch (20pk)	ABRA	367-ADA
8	11	Mom PB	ABRA/Sparkfun	PBS190
2	12	SPST: PBNO	ABRA	Plunger
2	13	SPST: PBNC	ABRA	Plunger
8	14	SPDT: Slide Switch	ABRA	SSW-120-BB
1	15	10k Potentiometer	ABRA	P10K 10K
1	16	100k Potentiometer	ABRA	P100K 100K
1	17	Knob for Potentiometer	ABRA	KN-1
2	18	10k Trim Pot	Adafruit	356-ADA
1	19	100k Trim Pot	Adafruit	3386P-1-104SH
1	20	Knob for Potentiometer	ABRA	KN-1
2	21	Photocell (LDR)	Adafruit	161-ADA
1	22	Thermistor	ABRA	334-103
4	23	Power Diode	ABRA	1N400n
4	24	Signal Diode	ABRA	1N4148
4	25	Disk Cap: 103	ABRA	0.01uF
4	26	Disk Cap: 104	ABRA	0.1uF
4	27	33 pF Disk Cap	ABRA	CM330
4	28	12pF Capacitor	ABRA	Pierce
4	29	Elec Cap: 1uF	ABRA	1R50
4	30	Elec Cap: 10uF	ABRA	10R50
4	31	Elec. Cap: 100uF	ABRA	100R50
2	32	Elec Cap: 1000uF	ABRA	1000R50
8	33	NPN BJT	ABRA	2N3904
8	34	PNP BJT	ABRA	2N3906
2	35	CMOS IC (logic)	ABRA	NOT (4049)
2	36	CMOS IC (logic)	ABRA	AND(4081)
2	37	CMOS IC (logic)	ABRA	OR (4071)
2	38	CMOS IC (logic)	ABRA	NAND (4011)
2	39	CMOS IC (logic)	ABRA	XOR(4070)
2	40	CMOS IC (logic)	ABRA	NOR(4001)
2	41	CMOS IC (function)	ABRA	4017
2	42	CMOS IC (function)	ABRA	4510
2	43	CMOS IC (function)	ABRA	4511
2	44	CMOS IC (function)	ABRA	4516
1	45	CMOS IC (function)	ABRA	4060
1	46	CMOS IC (function)	ABRA	4069
2	47	Precision Timer IC	ABRA	NE555

1	48	LM741 Op Amp	ABRA	OpAmp
6	49	IC Socket	ABRA	8LP
6	50	IC Socket	ABRA	14LP
6	51	IC Socket	ABRA	16LP
1	52	DC Hobby Motor	ABRA	ROB-11696
1	53	(Active) Buzzer	ABRA	PKB8-4AO
1	54	(Passive) Buzzer	ABRA	BUZ-125
2	55	R1/4-1.5M- 1.5M Ohm	ABRA	Pierce
1	56	32.768kHz Crystal	ABRA/Adafruit	Pierce
3	57	7-Segment Display	ABRA	FND500
1	58	Bargraph	ABRA/Adafruit	1815-ADA
1	59	LM3914 Bargraph Driver	ABRA	Bargraph Dr.
8	60	Heat Shrink	ABRA	
1	61	Precision Screwdrivers	ABRA	PREC-1
1	62	Wire Stripper	ADA147	147-ADA
<b>1</b>	63	<b>Solder Tube</b>	<b>ABRA</b>	<b>50-3000</b>
1	64	Needle Node Pliers	ABRA	LN5
1	65	Side Cutters	ABRA	HT-109P
1	66	Reverse Tweezers	ABRA	900-267
1	67	Toolbox	ABRA	Toolbox