

		Royal St. George's College	C. D'Arcy	22 UNITS
	Kit Name:	AVR Foundations		2022/2023
#	Line #	Part	Supplier	Note
1	1	5V DC Adapter 2A	ABRA/Adafruit	276-ADA (5V 2A)
1	2	ABRA UNO R3 Compatible	ABRA	ABRAUNO
1	3	ABRA Nano	ABRA	ABRANANO
1	4	Sparkfun AVR Pocket Programmer	Digikey	PGM-09825
2	5	Jumper Wire Kit	ABRA	144 pcs
4	6	SPDT Slide Switch	ABRA	SSW-120-BB
2	7	DC Jack	ABRA	PRT-10811
4	8	Elec Cap: 1uF	ABRA	1R50
4	9	Elec Cap: 10uF	ABRA	10R50
4	10	Power Diode	ABRA	1N400n
4	11	LED 3mm: Red	ABRA	LED-3R
4	12	LED 3mm: Amber	ABRA	LED-3A
4	13	LED 3mm: Green	ABRA	LED-3G
1	14	5mm LED Pack	ABRA/Sparkfun	COM-12062
1	15	NTC Thermistor (10k)	ABRA	334-103
1	16	TMP36	ABRA	TO-92
2	17	SPDT Slide Switch	ABRA	SSW-120-BB
2	18	Bicolor LED	ABRA	LED-5RG-2
4	19	RGBLED (CC) Diffused	ABRA	LED-5RGB-4-CC-DIFF
2	20	Common Cathode 7-Segment Disp.	ABRA	FND500
8	21	Disk Cap: 103	ABRA	0.01uF
8	22	Disk Cap: 104	ABRA	0.1uF
2	23	10k Trim Pot	Adafruit	356-ADA
2	24	100k Trim Pot	ABRA	3386P-1-104SH
2	25	1M Trim Pot	ABRA	3386P-1-105SH
6	26	IC Socket	ABRA	8LP
6	27	IC Socket	ABRA	14LP
6	28	IC Socket	ABRA	16LP
1	29	IC Puller	ABRA	ICP-20
1	30	2x3 Male Header Pins	ABRA	SH-3
1	31	16x2 LCD Blue (Assembled)	ABRA/Adafruit	1447-ADA
1	32	AVR Pocket Programmer	ABRA/Sparkfun	PGM-09825
1	33	LD1117V33	ABRA	LD1117
4	34	LM7805	ABRA	TO-220
2	35	LM7809	ABRA	TO-220
1	36	LM317	ABRA	TO-220
1	37	ATtiny85	ABRA	ATtiny85-20PU
2	38	LM358 (Op Amp)	ABRA	LM358
2	39	LM741 (Op Amp)	ABRA	LM741
2	40	CMOS IC (logic)	ABRA	NOR(4001)
2	41	NE555	ABRA	NE555
2	42	10mm Red LED (Diffused)	ABRA	LED-10R
2	43	10mm Red Yellow (Diffused)	ABRA	LED-10Y
2	44	10mm Red Green (Diffused)	ABRA	LED-10G
4	45	Breakaway Male Pins (RTAng)	ABRA	SH-4
4	46	Breakaway Male Pins (Straight)	ABRA	SH-2
2	47	LED Bargraph (Blue)	ABRA	COM-09937

10	48	Ser In/Par Out Shift Register	ABRA	74HC595
2	49	Par In/Ser Out Shift Register	ABRA	74HC165
1	50	12 Key Telkey keypad	Digikey	1528-2161-ND
2	51	IC Socket	ABRA	16LP
1	52	Dual CC RED Alphanumeric Display	ABRA/Adafruit	1907-ADA
8	53	NPN BJT	ABRA	2N3904
8	54	PNP BJT	ABRA	2N3906
1	55	8x8 LED Matrix (Green) (No Substitute)	ABRA	861-ADA
2	56	TPIC6C595	ABRA	TPIC6C595
10	57	1 row X 8 pins Straight Female Receptacle	ABRA	1018-POLOLU
2	58	16 MHz Crystal and 20pF caps	ABRA/Adafruit	2215-ADA
1	59	ATmega328P	ABRA	DIP-28
1	60	(Kinked) IC Socket	Digikey	3M5480-ND
3	61	Transistor Positive Voltage Regulator 1A 5V	ABRA	7805T
1	62	4-Digit 7-Segment Display (Blue)	ABRA/Sparkfun	COM-09481
1	63	CR1220 Coin Battery	ABRA	CR1220-2
1	64	32.768 kHz Crystal	ABRA	2211-ADA
2	65	15 MOhm	ABRA	R1/4-15M
1	66	DS1307	ABRA	DS1307+
1	67	CR1220 Coin Cell Holder	Digikey	BK-917-ND
1	70	Electret Microphone	ABRA/Adafruit	1713-ADA
1	71	8x8 LED Matrix (Yellow)	ABRA	860-ADA
1	72	MSGEQ7	ABRA	MSGEQ7
2	73	ATtiny84	ABRA	ATtiny84-20PU
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1	77	DPDT Toggle Swith	ABRA	SW203
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1	79	DC Hobby Motor	ABRA	ROB-11696
1	80	Standard Servo	ABRA	FS5103B
1	81	Continuous Servo	ABRA	FS5103R
1	82	Stepper with ULN2003 Driver	ABRA	MOT-28BYJ48
1	83	SN754410	ABRA	SN754410NE
1	84	L293D	ABRA	L293D
1	85	IRF520	ABRA	TO-220
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1	89	IR RxTx Set (5mm)	ABRA	IR-SET-5MM
1	90	nRF24L01	ABRA	WL-200
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4	93	33pF Disk Capacitor		CD330
4	94	200k Fixed Resistor		R1/4-200K-1
1	95	Stripboard	ABRA/BPS	ST1-BPS