

Budget Of Run DMC

	Item	Name	Compenets	Quantity	Amount
Name:					Subtotal:
	▼ PCB components				\$65.65
	J1, J2, J5, J6	PCB components	2 Position Wire to Board Terminal Block Horizontal with Board 0.197" (5.00mm) Through Hole	4	\$2.48
	J3, J4	PCB components	12 Position Terminal Block Header, Male Pins, Unshrouded 0.197" (5.00mm) Vertical Through Hole	2	\$3.34
	R1	PCB components	10k Ohm	1	\$0.36
	R2	PCB components	2.2k Ohm	1	\$0.08
	D2, D3	PCB components	Diode Standard 50V 1A Through Hole DO-204AL (DO-41)	2	\$0.36
	D1	PCB components	Red LED Indication - Discrete 1.8V Radial	1	\$1.57
	C1, C8	PCB components	4.7uF Polarized	1	\$0.26
	C2, C4	PCB components	10u	2	\$0.48
	C3, C7	PCB components	100nF	1	\$0.25
	C5, C6	PCB components	Capacitor Ceramic 22pF	2	\$1.90
	Y1	PCB components	Crystal 16MHz	1	\$0.95
	Q1	PCB components	Bipolar (BJT) Transistor NPN 80V 1.5A 1.25W Through Hole SOT-32-3	1	\$0.63
	RV1	PCB components	50k Ohm 1 Gang Linear Panel Mount Potentiometer 1 Kierros Solder Lug	1	\$2.95
	U1	PCB components	Atmega328p	1	\$2.52
	U2	PCB components	NCP1117ST50T3G	1	\$0.48

	Item	Name	Compenets	Quantity	Amount
		PCB components	Voltage regulator, Atmega328P uC	1	\$21.01
		PCB components	DIP Sockets, Ceramic Capacitors, Crystal Oscillator	1	\$26.03
▼ Model Components					\$134.29
		Model Components	Apache Case	1	\$12.99
		Model Components	Standsoff Kit	1	\$11.99
		Model Components	LCD Display	1	\$8.69
		Model Components	IR Tx/Rx	1	\$5.78
		Model Components	Arduino	2	\$42.76
		Model Components	Comparators	1	\$8.99
		Model Components	DC Motor	1	\$6.89
		Model Components	9 V Batteries	1	\$13.98
		Model Components	Hall Sensor	1	\$7.28
		Model Components	Hall Sensor Package	1	\$5.99
		Model Components	Magnets	1	\$8.95
▼ Testing					\$76.26
		Testing	Standoffs		\$16.14
		Testing	Comparators		\$9.69
		Testing	LCD display, arduino, IR Tx/Rx		\$27.44
		Testing	Apache Case		\$11.99
		Testing	9 V batteries		\$11.00