

Quantity	Name	Manufacturer	Description	Vendor	Price	Price, Extended	RefDes
1	A000005	Arduino	Arduino Nano	amazon.com	\$20.50	\$20.50	ARD1
1	MAL202128108E3	Vishay	CAP ALUM 1UF 20% 63V AXIAL	digikey.com	\$1.63	\$1.63	C1
1	FA28X8R1E104KNU06	TDK	CAP CER 0.1UF 25V X8R RADIAL	digikey.com	\$0.38	\$0.38	C2
1	FA28X7R1E105KRU06	TDK	CAP CER 1UF 25V X7R RADIAL	digikey.com	\$0.40	\$0.40	C3
1	C325C470K3G5TA	Kemet	CAP CER RAD 47PF 25V COG 10%	digikey.com	\$0.43	\$0.43	C4
1	1N914	Microchip	DIODE GEN PURP 75V 200MA DO35	digikey.com	\$0.84	\$0.84	D1
1	SD1206T040S1R0	Kyocera	DIODE SCHOTTKY 40V 1A 1206	digikey.com	\$0.44	\$0.44	D2
2	BK-6002	MPD	FUSE CLIP CARTRIDGE PCB	digikey.com	\$0.41	\$0.82	F1
1	1803280	Phoenix Contact	TERM BLOCK HDR 3POS 90DEG 3.81MM GREEN	digikey.com	\$1.32	\$1.32	J1
1	1839623	Phoenix Contact	TERM BLOCK HDR 3POS 90DEG 3.81MM BLACK	digikey.com	\$1.23	\$1.23	J2
1	1803277	Phoenix Contact	TERM BLOCK HDR 2POS 90DEG 3.81MM GREEN	digikey.com	\$0.86	\$0.86	J3
1	1827619	Phoenix Contact	TERM BLOCK HDR 2POS 90DEG 3.81MM BLACK	digikey.com	\$0.80	\$0.80	J4
1	PVDZ172NPBF	Infineon	SSR RELAY SPST-NO 1.5A 0-60V	digikey.com	\$10.48	\$10.48	OP1
1	MFR-25FBF52-255R	Yageo	RES 255 OHM 1% 1/4W AXIAL	digikey.com	\$0.10	\$0.10	R1
1	MFR-25FBF52-147R	Yageo	RES 147 OHM 1% 1/4W AXIAL	digikey.com	\$0.10	\$0.10	R2
1	CFR-25JB-52-51K	Yageo	RES 51K OHM 5% 1/4W AXIAL	digikey.com	\$0.10	\$0.10	R3
1	GW12LJHF	NKK	SW ROCKER PADDL SPDT GREEN PCB	digikey.com	\$6.12	\$6.12	S1
1	D36V6F5	Pololu	5V, 600mA Step-Down Voltage Regulator	Pololu.com	\$7.95	\$7.95	VR1
1	MPXV6115VC6U	NXP	SENSOR PRESSURE VACUUM -16.68PSI	digikey.com	\$28.41	\$28.41	VS1
1	74-4FG1A	NTE	FUSE GLASS 1A 250VAC 2AG 5X15MM	digikey.com	\$0.15	\$0.15	
4	2054-440-AL	RAF	HEX STANDOFF #4-40 ALUM 5/16"	digikey.com	\$0.50	\$2.00	
1	1803581	Phoenix Contact	TERM BLOCK PLUG 3POS STR 3.81MM GREEN	digikey.com	\$3.73	\$3.73	
1	1839610	Phoenix Contact	TERM BLOCK PLUG 3POS STR 3.81MM BLACK	digikey.com	\$3.42	\$3.42	
1	1851999	Phoenix Contact	TERM BLOCK PLUG 2POS STR 3.81MM GREEN	digikey.com	\$3.86	\$3.86	
1	1827635	Phoenix Contact	TERM BLOCK PLUG 2POS STR 3.81MM BLACK	digikey.com	\$2.48	\$2.48	
1	KIC3-2NK	KempCo	3/16" to 1/8" Hose-Barb Reduction Coupler Fittings	eBay	\$3.55	\$3.55	
3	PUN-4x0.75-SI	Festo	Pneumatic Hose, 2.5mm I.D., 4mm O.D., Silver (3 inches)	alliedelec.com	\$0.03	\$0.10	
1	500323	American Autowire	Connector, 700R4 Transmission	Summit Racing	\$7.99	\$7.99	
1	53-015		Brake Switch with N.O. & N.C. Contacts	ClassicParts.com	\$14.95	\$14.95	
1	02973872	Aptiv/Delphi	2 Pin Delphi 56 Connector Housing for Brake Switch	customconnectorkits.com	\$0.99	\$0.99	
1	02962793	Aptiv/Delphi	1 Pin Delphi 56 Connector Housing for Power	customconnectorkits.com	\$0.99	\$0.99	
3	02965141-L	Aptiv/Delphi	Delphi 56 Female Terminal, 20-18 AWG	customconnectorkits.com	\$0.79	\$2.37	
1	SEN-01-4280	Dakota Digital	8k Square Wave Pass-Through Pulse Generator	dakotadigital.com	\$79.95	\$79.95	
1	700R4.C	JLPCB	Custom PCB	jlcpcb.com	\$0.40	\$0.40	
1	700R4.C Box	Shapeways	Custom Enclosure, Versatile Plastic, Black	shapeways.com	\$25.51	\$25.51	
1	700R4.C Lid	Shapeways	Custom Enclosure Cover	shapeways.com	\$11.45	\$11.45	
5		JT&T	Misc. 18awg wire, red 182F, black 180F, orange 181F, blue 186F, pink 183F	tooloutfitters.com	\$3.77	\$18.85	
8	27035	Gates	Vacuum hose from carburetor, 5/32" I.D., 9/32 O.D.	O'Reilly	\$0.69	\$5.52	
						\$271.16	Total