

Description	Manufacturer Product Number	Manufacturer	Count	Cost \$ea.	Line Total
Enclosure	QL-433318NC	Yueqing Qili Electrical Co., Ltd.	1	\$89.99	\$89.99
USB Hub	PS65B120Y5000S	Sabrent	1	\$44.99	\$44.99
Digilent Analog Discovery 2	410-321	Digilent, Inc.	1	\$299.00	\$299.00
Digilent Digital Discovery	410-338	Digilent, Inc.	1	\$229.00	\$229.00
Adalm-Pluto SDR	ADALM-PLUTO	Analog Devices	2	\$233.25	\$466.50
YepKit YKUSH USB Hub	300100	YepKit	1	\$68.01	\$68.01
Nordic Semiconductor nrf52840 DK	NRF52840-DK	Nordic Semiconductor ASA	1	\$49.99	\$49.99
Digilent Nexys A7 FPGA	410-292	Digilent, Inc.	1	\$349.00	\$349.00
Joulescope JS220	JS220-K000	Joulescope	1	\$895.08	\$895.08
Joulescope JS220 BNC Connector Faceplate	FP02-BNC	Joulescope	1	\$38.97	\$38.97
1/4" Standoffs w/ 4-40 Thread	2100-440-AL	RF Electronic Hardware	4	\$0.21	\$0.84
3/4" Standoffs w/ 4-40 Thread	2204	Keystone Electronics	10	\$0.49	\$4.90
2" Standoffs w/ 4-40 Thread	2207	Keystone Electronics	4	\$1.64	\$6.56
Machine Thread Screws: 3/8" x 4-40	PMSSS 440 0031 PH	B&F Fastener Supply	36	\$0.13	\$4.68
Dupont Male-Female 20x28AWG Cables 0.3M	1952	Adafruit Industries LLC	2	\$3.95	\$7.90
USB Type-A to USB Mini-A Cable 0.3M	SC-2ANK001F	Stewart Connector	1	\$3.57	\$3.57
USB Type-A to USB Micro-B Cable Right Angle 0.3M	B0CNP82SSF	SUNGUY	1	\$3.50	\$3.50
USB Type-A to USB Micro-B Cable 0.3M	B07G934SJ9	SUNGUY	1	\$2.66	\$2.66
USB Type-A to USB Micro-B Cable Right Angle 0.5M	B01COTBHV0	SUNGUY	6	\$3.99	\$23.94
USB Type-A to USB Type-C Cable 1.5M	B0C5XCVZ3H	SUNGUY	1	\$7.99	\$7.99
BNC to BNC Cable 0.3M	115101-19-12.00	Amphenol RF	2	\$12.61	\$25.22
SMA to SMA Coaxial Cable 0.15M	135101-01-6.00	Amphenol RF	1	\$17.81	\$17.81
SMA to SMA Coaxial Cable 0.3M	135101-01-12.00	Amphenol RF	2	\$19.76	\$39.52
10 dB Attenuator	Catten-0100	Crystek Corporation	3	\$24.65	\$73.95
2-Way RF Power Splitter 1900-4200 MHz	ZX10-2-42-S+	Mini-Circuits	1	\$54.65	\$54.65
Right Angle SMA Connector	SMAFST.SMAMRA.CO	Taoglas Limited	1	\$4.49	\$4.49
SMA Coupling Connector	ADP-SMAM-SMAF-G	TE Connectivity Linx	1	\$7.97	\$7.97
4" Clear Zipties	AL-04-18-9-C	Advanced Cable Ties, Inc.	4	\$0.02	\$0.08
Ziptie Adhesive Back Mounts	3240706	Phoenix Contact	2	\$0.06	\$0.12
Black Grommet	2137	Heyco Products Corporation	1	\$0.16	\$0.16
Custom PCB from JLC PCB	-	JLC PCB	1	\$6.65	\$6.65
Pi PICO development board	SC0915	Raspberry Pi	1	\$4.00	\$4.00
MUX IC	CD74HC4067M96	Texas Instruments	5	\$0.57	\$2.85
SWITCH SLIDE	JS202011CQN	C&K	3	\$0.75	\$2.25

Ideal Diode	LM66100DCKR	Texas Instruments	1	\$0.25	\$0.25
Green LED	150080GS75000	Würth Elektronik	1	\$0.19	\$0.19
Resistor 470 ohm	RK73B2ATTD471J	KOA Speer Electronics, Inc.	2	\$0.10	\$0.20
Position Shunt Connector Open Top	NPC02SXON-RC	Sullins Connector Solutions	18	\$0.10	\$1.80
10 Position Header Connector 0.100"	PPTC101LFBN-RC	Sullins Connector Solutions	1	\$0.62	\$0.62
22 Position Header Connector 0.100"	PTC112LFBN-RC	Sullins Connector Solutions	1	\$1.27	\$1.27
20 Position Header Connector 0.100"	PPTC102LFBN-RC	Sullins Connector Solutions	1	\$1.16	\$1.16
32 Position Header Connector 0.100"	PPPC162LFBN-RC	Sullins Connector Solutions	1	\$1.75	\$1.75
30 Position Header Connector 0.100"	PPTC152LFBN-RC	Sullins Connector Solutions	1	\$1.68	\$1.68
CAP CER 10000PF 50V X7R 0805	CL21B103KBANNC	Samsung Electro-Mechanics	5	\$0.08	\$0.40
CONN BNC JACK R/A 50 OHM	031-5640	Amphenol RF	2	\$5.17	\$10.34
IC OR CTRLR IDEAL DIODE	LM66100DCKR	Texas Instruments	1	\$0.25	\$0.25
CONN HEADER VERT 16POS 2.54MM	61301611121	Würth Elektronik	8	\$0.87	\$6.96
				<b>Total Cost</b>	<b>\$2,863.66</b>