

Toggle switch	58	1	25	1	45	0	0	1	7	1	0	77	Mouser 611-T102-001			\$4.2000	\$323.40	0	\$0.00
Screw 4-40X1/4 Phillips Pan Head Machine	59	0	0	0	0	4	72	4	28	4	0	100	McMaster 90272A106			\$0.0100	\$1.00	0	\$0.00
4-40 X 5/16 Phillips Pan Head Machine Screw	60	2	50	2	90	0	0	0	0	0	0	140	McMaster 90272A107			\$0.0109	\$1.53	0	\$0.00
Screw 4-40X3/8 Phillips Pan Head Machine	61	4	100	4	180	0	0	0	0	2	0	280	McMaster 90272A108			\$0.0114	\$3.19	200	\$2.28
Nut 4-40 Machine Screw	62	0	0	2	90	3	54	3	21	3	0	165	McMaster 90480A005			\$0.0070	\$1.16	0	\$0.00
Nut 4-40 Machine Screw (small pattern)	63	4	100	4	180	1	18	1	7	1	0	305	McMaster 90760A005			\$0.0134	\$4.09	0	\$0.00
1/8" Nylon Spacer	64	4	100	4	180	0	0	0	0	0	0	280	Digikey 875K-ND			\$0.0810	\$22.68	250	\$20.25
4-40 X 1/4 SS Button Head Allen Machine Screw	65	2	50	4	180	0	0	0	0	0	0	230	McMaster 92949A106			\$0.0482	\$11.09	100	\$4.82
4-40 X 3/4 SS Button Head Allen Machine Screw	66	6	150	6	270	0	0	0	0	0	0	420	McMaster 92949A113			\$0.0616	\$25.87	0	\$0.00
4 X 1/4 Plastite screws	67	4	100	0	0	4	72	4	28	4	0	200	McMaster 90380A106			\$0.1270	\$25.40	100	\$12.70
# 6 panel screw washer	68	0	0	0	0	0	0	0	0	0	0	0	0			\$0.3855	\$0.00	0	\$0.00
# 6 Panel screw	69	1	25	1	45	0	0	0	0	0	0	70	McMaster 91035A430			\$3.1000	\$217.00	40	\$124.00
# 6 Square nut	70	1	25	1	45	0	0	0	0	0	0	70	McMaster 94855A115			\$0.0106	\$0.74	0	\$0.00
Battery Hinge Pin	71	1	25	1	45	0	0	0	0	0	0	70	McMaster 90145A471			\$0.0823	\$5.76	0	\$0.00
LED Light Pipe Raw	72	0	0	0	0	0	0	0	0	0	0	0	0			\$0.0000	\$0.00	0	\$0.00
LED Light Pipe Modified	73	0	0	0	0	0	0	0	0	0	0	0	0			\$0.0000	\$0.00	0	\$0.00
Cable 50 Conductor 1 mm Flat Ribbon Modified	74	1	25	0	0	0	1	18	1	7	1	50	Digikey MC44L-10-ND			\$0.8000	\$40.00	0	\$0.00

			Regular Reader Build Qty	BT Reader Build QTY		USB Base Build Qty		Serial Base Build Qty		Peripheral Build Qty									
	Bin #	Regular Reader Qty	25	45	1 Up USB Base Qty	18	1 Up Serial Base Qty	7	Peripheral Qty	0	Needed Part QTY	Primary P/N	Alternate P/N	Reel Cost	Price at QTY	EXT	Actual Qty Purchased	Ext at Qty Purchased	
Antenna external 5dBi omni directional	75	0	0	0	0	1	18	1	7	1	0	25	Aerocomm 0600-00010		\$16.4500	\$411.25	25	\$411.25	
Red Wire 24 Ga	76	0	0	0	0	0	0	0	0	0	0	0	Digikey A2015R-100-ND		\$0.0000	\$0.00	0	\$0.00	
Black Wire 24 Ga	77	0	0	0	0	0	0	0	0	0	0	0	Digikey A2015B-100-ND		\$0.0000	\$0.00	0	\$0.00	
Remote Unit Graphic Overlay	78	0	0	0	0	0	0	0	0	1	0	0	Vendor		\$0.0000	\$0.00	0	\$0.00	
Base Station Graphic Overlay	79	0	0	0	0	1	18	1	7	0	0	25	Vendor		\$4.6200	\$115.50	25	\$115.50	
Bumper Feet	80	0	0	0	0	4	72	4	28	4	0	100	McMaster 95495K463		\$9.3700	\$0.0324	1	\$0.03	
Enclosure OKW Toptec 194	81	0	0	0	0	1	18	1	7	1	0	25	OKW Toptec 194F Quote			\$10.2700	\$256.75	25	\$256.75
End Panel Peripheral	82	0	0	0	0	0	0	1	7	1	0	7	JIT		\$0.0000	\$0.00	0	\$0.00	
End Panel LED	83	0	0	0	0	1	18	1	7	1	0	25	JIT		\$2.2000	\$55.00	25	\$55.00	
End Panel SNC	84	0	0	0	0	1	18	0	0	0	0	18	JIT		\$4.1000	\$73.80	18	\$73.80	
End Panel Raw	85	0	0	0	0	2	36	2	14	2	0	50	OKW Toptec 194F Quote		\$4.1100	\$205.50	50	\$205.50	
Enclosure Insert half	86	1	25	1	45	0	0	0	0	0	0	70	Vendor		\$8.0800	\$565.60	55	\$444.40	
Enclosure PCB half	87	1	25	1	45	0	0	0	0	0	0	70	Vendor		\$6.4600	\$452.20	55	\$355.30	
Battery Hatch	88	1	25	1	45	0	0	0	0	0	0	70	Vendor		\$1.8000	\$126.00	55	\$99.00	
Battery Hatch Pad	89	1	25	1	45	0	0	0	0	0	0	70	M.E.		\$1.0000	\$70.00	55	\$55.00	
Battery 9.6V Makita	90	1	25	1	45	0	0	0	0	0	0	70	McMaster 3972A22		\$0.0000	\$0.00	0	\$0.00	
Battery Charger (Smart)	91	1	25	1	45	0	0	0	0	0	0	70	Vendor		\$0.0000	\$0.00	0	\$0.00	
Battery 8.4Volt 3.8AH	92	0	0	0	0	0	0	1	7	1	0	7	Waiting for price from CarGo	Replace with NiMH battery from CarGo	\$0.0000	\$0.00	0	\$0.00	
AC /DC Adapter 9V 500ma	93	0	0	0	0	0	0	1	7	1	0	7	McMaster 70235K92		\$9.1200	\$63.84	7	\$63.84	
Jumper Assembly 20 Pin	94	1	25	1	0	1	18	1	7	1	0	50	Morrison	Do not put cost in	\$0.0000	\$0.00	0	\$0.00	
Battery Board Interface Assembly	95	1	25	1	45	0	0	0	0	0	0	70	M.E.	Do not put cost in	\$0.0000	\$0.00	0	\$0.00	
Switch Sealing Boot	96	1	25	1	45	0	0	1	7	1	0	77	Newark RP10480		\$2.8100	\$216.37	25	\$70.25	
Blue Tooth Module	97	0	0	1	45	0	0	0	0	0	0	45	Tekgear BL730 BlueTooth module and cable quote 6-13-03	Advanced Circuits Batt Board Rev E3 quote 9-12-03	\$190.0000	\$8,550.00	30	\$5,700.00	
Raw Battery Boards Rev E3	98	1	25	1	45	0	0	0	0	0	0	70	Circuit Board Express Quote 9-11-04		\$1.3700	\$95.90	220	\$301.40	

			Regular Reader Build Qty	BT Reader Build QTY	USB Base Build Qty	Serial Base Build Qty		Peripheral Build Qty											
DESCRIPTION:	Bin #	Regular Reader Qty	25	BT Reader Qty	45	1 Up USB Base Qty	18	1 Up Serial Base Qty	7	Peripheral Qty	0	Needed Part QTY	Primary P/N	Alternate P/N	Reel Cost	Price at QTY	EXT	Actual Qty Purchased	Ext at Qty Purchased
IR Detector Assemblies	99	1	25	1	45	0	0	0	0	0	0	70				\$0.0000	\$0.00	0	\$0.00
Bluetooth interface cable	100	0	0	1	45	0	0	0	0	0	0	45		Do not put cost in		\$0.0000	\$0.00	0	\$0.00
Reader Module (Unmodified)	101	1	25	1	45	0	0	0	0	0	0	70		Do not put cost in		\$78.0000	\$5,460.00	0	\$0.00
Raw Base station / Peripheral PCB Rev PB	102	0	0	0	0	1	18	1	7	1	0	25	Circuit Board Express Quote 9-11-03	Advanced Circuits Base Peripheral Board Rev E3 PA quote 9-4-03		\$14.0000	\$350.00	25	\$350.00
Raw Reader Mother Board PCB Rev E2 / PA	103	1	25	1	45	0	0	0	0	0	0	70	Circuit Board Express Quote 9-11-04	Advanced Circuits Reader Mother Board Rev E2 PA quote 9-4-03		\$7.3000	\$511.00	55	\$401.50
USB Base Stuffing	104	0	0	0	0	1	18	0	0	0	0	18	RNB Ent USB Base stuff quote	Aspen board stuffing costing estimate 6-13-03		\$54.8300	\$986.94	18	\$986.94
Battery / IR PCB stuffing	105	1	25	1	45	0	0	0	0	0	0	70					\$0.00	55	\$0.00
Reader Mother Board Stuffing	106	1	25	1	45	0	0	0	0	0	0	70	RNB Ent Reader stuff quote	Aspen board stuffing costing estimate 6-13-03		\$22.8500	\$1,599.50	55	\$1,256.75
Antenna cable RA MMXX to Rev Pol SMA Bulkhead	107	0	0	0	0	1	18	1	7	1	0	25	Aerocomm 1300-00012	Aspen board stuffing costing estimate 6-13-03		\$13.5000	\$337.50	25	\$337.50
Serial Base Stuffing	108	0	0	0	0	0	0	1	7	0	0	7				\$0.0000	\$0.00	25	\$0.00
SIP switch 2 pos	109	1	25	1	45	0	0	0	0	0	0	70	Digikey CKN1352-ND			\$1.7640	\$123.48	60	\$105.84
Star Ring Terminal	110	0	0	2	90	0	0	0	0	0	0	90	McMaster 6965K71			\$0.0464	\$4.18	100	\$4.64
Wire pre cut and stripped 0.5" long	111	1	25	1	45	0	0	0	0	0	0	70	Digikey 923345-05-ND			\$0.0489	\$3.42		
Wire pre cut and stripped 0.6" long	112	1	25	1	45	0	0	0	0	0	0	70	Digikey 923345-06-ND			\$0.0489	\$3.42		

Total Parts
Cost = \$23,791.06