

Purchases - Organized by Subsystem / Budget Category

Purchase Order	Subsystem / Budget Category	Vendor	Vendor PN	Description	Unit Price	Quantity	Total Price	Date Ordered	Date Received	Shipping	Time/Business Days	Notes
5	TSI	Mouser	565-72930-2	Test Banana Jacks 4MM/Red	\$2.680	4	\$10.72	30-Jan-18	Feb 1 2018		2	days
5	TSI	Mouser	565-72930-0	Test Banana Jacks 4MM/Black	\$2.680	4	\$10.72	30-Jan-18	Feb 1 2018		2	days
7	TSI	Amazon	801MUWTH89	Z Series With Safety Cap, 2 Pack	\$15.990	1	\$15.99	2-Feb-18	12-Feb-18		6	days
10	TSI	Amazon	80000VPG9A	Curved Tip Tweezers Soldering Tool	\$5.760	2	\$11.52	9-Feb-18	15-Feb-18		4	days
12	TSI	Mouser	571-14450228	Pin & Socket Connectors	\$0.580	4	\$2.32	13-Feb-18	16-Feb-18		3	days
13	TSI	Dialkey	811-2783-ND	DC/DC CONVERT 12V 1.25A	\$63.930	2	\$127.86	13-Feb-18	20-Feb-18		5	days
13	TSI	Dialkey	A121111CT-ND	RES SMD 82 OHM 1% 3W 2512	\$0.850	5	\$4.25	13-Feb-18	20-Feb-18		5	days
13	TSI	Dialkey	P43KDACT-ND	RES SMD 4.3K OHM 0.1% 1/8W	\$0.302	10	\$3.02	13-Feb-18	20-Feb-18		5	days
13	TSI	Dialkey	5T4ET8202CT-ND	TRIMMER 2K OHM 0.25W SMD	\$1.176	10	\$11.76	13-Feb-18	20-Feb-18		5	days
13	TSI	Dialkey	493-6714-1-ND	CAP ALUM 10UF 20% 450V SMD	\$1.190	1	\$1.19	13-Feb-18	20-Feb-18		5	days
14	TSI	McMaster Carr	1013N13	Screw-Down Sure-Grip Submersible 4 Cord Grip for 0.51"-0.71"	\$32.080	4	\$128.32	13-Feb-18	14-Feb-18		1	days
20	TSI	Advanced Circuits	NA	TSI Boards	\$33.000	2	\$66.00	23-Feb-18	6-Mar-18		7	days
23	TSI	Dialkey	WM3805-ND	CONN HEADER 12POS 4.2MM VERT TIN	\$1.620	3	\$4.86	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3804-ND	CONN HEADER 10POS 4.2MM VERT TIN	\$1.540	3	\$4.62	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3803-ND	CONN HEADER 8POS 4.2MM VERT TIN	\$1.300	3	\$3.90	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	A34864-ND	CONN HEADER 3MM 8POS R/A GOLD	\$1.690	3	\$5.07	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3802-ND	CONN HEADER 6POS 4.2MM VERT TIN	\$1.010	6	\$6.06	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3801-ND	CONN HEADER 4POS 4.2MM VERT TIN	\$0.770	3	\$2.31	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3800-ND	CONN HEADER 2POS 4.2MM VERT TIN	\$0.620	6	\$3.72	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3705-ND	CONN RECEPT 12POS DUAL	\$0.610	3	\$1.83	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3704-ND	CONN RECEPT 10POS DUAL	\$0.460	3	\$1.38	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3803-ND	CONN HEADER 8POS 4.2MM VERT TIN	\$1.300	3	\$3.90	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3702-ND	CONN RECEPT 6POS DUAL	\$0.470	6	\$2.82	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3701-ND	CONN RECEPT 4POS DUAL	\$0.310	3	\$0.93	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	WM3802-ND	CONN HEADER 2POS 4.2MM VERT TIN	\$0.620	6	\$3.72	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	102-3865-ND	DC/DC CONVERTER 5V 10W	\$25.820	3	\$77.46	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	296-39512-1-ND	IC ANLNG SW SPDT SOT23-6	\$1.040	3	\$3.12	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	497-10252-1-ND	IC OPAMP GP 1.4MHZ RRO 8SO	\$1.540	6	\$9.24	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	497-2271-1-ND	IC COMP LP DUAL CMOS VOLT 8 SOIC	\$0.680	6	\$4.08	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	609-4054-ND	CONN HEADER 10POS DUAL SHRD SMD	\$1.110	3	\$3.33	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	A113980-ND	CONN RCPT 2POS 1.18MM PCB SLDR	\$6.740	2	\$13.48	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	1276-5341-1-ND	RES SMD 15K OHM 1% 1/8W 0805	\$0.044	10	\$0.44	27-Feb-18	6-Mar-18		5	days
23	TSI	Dialkey	1276-5303-1-ND	CONN HEADER 2POS 4.2MM VERT TIN	\$0.044	25	\$1.10	27-Feb-18	6-Mar-18		5	days
26	TSI	Mouser	539-5T420502	Audio Indicators & Alerts SLOW PULSE	\$25.460	1	\$25.46	6-Mar-18	9-Mar-18		3	days
43	TSI	McMaster Carr	M4-0-11-8-10	Garolite Sheet 24" Wide x 36" Long, 1/32" Thick	\$26.090	1	\$26.09	3-Apr-18	4-Apr-18		1	days
44	TSI	Magid Glove	571-25201032	Rubber Electrical Insulating Gloves 1500 V DC	\$48.400	1	\$48.40	6-Apr-18	11-Apr-18		3	days
44	TSI	Magid Glove	12502-10	Magid Leather Protective Over Gloves	\$14.950	1	\$14.95	6-Apr-18	11-Apr-18		3	days
45	TSI	McMaster Carr	9910723	Garolite Sheet 24" Wide x 36" Long, 1/8" Thick	\$85.420	1	\$85.42	6-Apr-18	9-Apr-18		1	days
50	TSI	Dialkey	A30258-ND	CONN RECEPT 3MM 2POS	\$0.170	50	\$8.55	13-Apr-18	20-Apr-18		5	days
50	TSI	Dialkey	A30392CT-ND	CONN SOCKET 20-25AWG TIN CRIMP	\$0.060	100	\$5.82	13-Apr-18	20-Apr-18		5	days
51	TSI	Mouser	571-0460-010-20141	Automotive Connectors SZ 20 Deutsch	\$1.590	50	\$79.50	16-Apr-18	19-Apr-18		3	days
51	TSI	Mouser	594-AC05W10K001	10K Wirewound Resistors	\$0.580	15	\$8.70	16-Apr-18	19-Apr-18		3	days
				TSI Total:			\$853.93					
4	GLV	Amazon	SKU050N6140140	Nextron DC/DC Converter Regulator 24V to 12V	\$15.990	1	\$15.99	30-Jan-18	Feb 1 2018		2	days
6	GLV	Super Bright LED's	MDB-A12	Rectangular LED Lights Amber/SSDK	\$6.490	2	\$12.98	Feb 2 2018	Feb 7 2018		3	days
12	GLV	Mouser	534-1904E	Standoffs and Spacers .250"	\$0.700	15	\$10.56	Feb 13 2018	Feb 16 2018		3	days
12	GLV	Mouser	534-4835	Standoffs and Spacers .125"	\$0.490	15	\$7.41	Feb 13 2018	Feb 16 2018		3	days
16	GLV	Mouser	706-17-200001	USB Connectors USB Female Adaptor	\$9.430	1	\$9.43	Feb 21 2018	Feb 26 2018		3	days
16	GLV	Mouser	655-W28-X01A-10	Circuit Breakers 10A PUSH TO RESET	\$2.920	2	\$5.84	Feb 21 2018	Feb 26 2018		3	days
53	GLV	Mouser	655-W28-X01A-3	Circuit Breakers 3A PUSH TO RESET	\$3.080	2	\$6.16	18-Apr-18	24-Apr-18		4	days
53	GLV	Mouser	655-W28-X01A-2	Circuit Breakers 2A PUSH TO RESET	\$3.740	3	\$11.22	18-Apr-18	24-Apr-18		4	days
				GLV Total			\$79.59					

1	VSCADA	CopperHill Technologies	PICAN2	PICan2- CAN Interface for Raspberry Pi 2/3	\$47.950	1	\$47.95	25-Jan-18	28-Jan-18	2	days	
2	VSCADA	ShowMe Cables	3201	D89 Male to D89 Male Low Gender Changer	\$1.750	5	\$8.75	25-Jan-18	30-Jan-18	3	days	
8	VSCADA	Crystalfontz	KES6358K-TML-KU	D89 USB LCD Display for VSCADA	\$114.040	1	\$114.04	Feb 2 2018	Feb 12 2018	6	days	
27	VSCADA	Amazon	B01DV8HN88	LT D89 Male to Female Adapter 90 Degree Downward	\$7.720	1	\$7.72	6-Mar-18	9-Mar-18	3	days	
30	VSCADA	Amazon	B01MXWNAUF	Cerxian 90 Degree D89 9 Pin Male to Female	\$6.890	1	\$6.89	9-Mar-18	14-Mar-18	4	days	
				VSCADA Total			\$185.35					
33	Cooling	Koolance	HDS-13X19CL	Tubing, PVC Clear, Dia: 13mm x 19mm	\$3.890	4	\$15.56	21-Mar-18	26-Mar-18	3	days	
				Cooling Total			\$15.56					
9	IC	Mouser	654-PL00W-301-10D10	Heavy Duty Power Connectors	\$23.590	5	\$117.95	Feb 6 2018	Feb 8 2018	2	days	
9	IC	Mouser	654-PL00X-301-10D10	Heavy Duty Power Connectors	\$24.550	2	\$49.10	Feb 6 2018	Feb 8 2018	2	days	
9	IC	Mouser	654-PL28W-301-70	Heavy Duty Power Connectors	\$49.000	5	\$245.00	Feb 6 2018	Feb 8 2018	2	days	
9	IC	Mouser	654-PL28X-301-70	Heavy Duty Power Connectors	\$49.490	2	\$98.98	Feb 6 2018	Feb 8 2018	2	days	
9	IC	Mouser	879-1332	Heavy Duty Power Connectors	\$0.250	5	\$1.25	Feb 6 2018	Feb 8 2018	2	days	
15	IC	Amazon	B00Q5JLWMW	Adafruit Flex Cable for Raspberry Pi Camera	\$3.990	1	\$3.99	Feb 16 2018	Feb 20 2018	2	days	
18	IC	IEWC	EXRAD3/D-FX08S-50L	Electric & Hybrid Vehicle Battery Cable, 3/0 AWG, 600V, EXTRAD FX Insulated, Orange	\$9.000	30	\$270.00	Feb 21 2018	6-Mar-18	9	days	
18	IC	IEWC	EXRAD2/D-XLE08S	Electric & Hybrid Vehicle Battery Cable, 2/0 AWG, 600V, EXTRAD XLE Insulated, Orange	\$7.990	15	\$119.85	Feb 21 2018	6-Mar-18	9	days	
19	IC	Wire and Cable Your Way	50016s2	16/2 500W Portable Cord 600V UL/CSA	\$0.270	50	\$13.50	Feb 23 2018	Feb 26 2018	1	days	
21	IC	Mouser	571-0T04-6P-CL06	Automotive Connectors DT RECEPT 6way	\$7.200	5	\$36.00	Feb 26 2018	1-Mar-18			
25	IC	Amazon	B07744ND3B	16 Ton Hydraulic Wire Crimping Tool	\$49.990	1	\$49.99	1-Mar-18	5-Mar-18	2	days	
28	IC	ExcessParts	9-103325-0	TE CONNECTIVITY 9-103325-0	\$1.150	20	\$23.00	9-Mar-18	14-Mar-18	3	days	
29	IC	Mouser	654-PL28W-301-70	Heavy Duty Power Connectors 10MM SNG	\$49.000	1	\$49.00	9-Mar-18	15-Mar-18	4	days	
29	IC	Mouser	644-S3/D-388-C	Terminals Tubular Ring term non-insulated	\$2.540	20	\$50.80	9-Mar-18	15-Mar-18	4	days	
29	IC	Mouser	644-S2/D-388	Terminals 2/0 3/8 RING TERM	\$3.740	20	\$74.80	9-Mar-18	15-Mar-18	4	days	
29	IC	Mouser	654-PL28X-301-70	Heavy Duty Power Connectors 10MM	\$49.490	1	\$49.49	9-Mar-18	15-Mar-18	4	days	
32	IC	Amazon	B016045TW8	1" Spiral Cable Wrap - Length: 25 Feet - Color: Black	\$25.000	1	\$25.00	21-Mar-18	29-Mar-18	6	days	
40	IC	Wire and Cable Your Way	VNT14-4CS	14 AWG 14-1C THHN PVC Shielded Cable	\$0.620	50	\$31.00	30-Mar-18	4-Apr-18	3	days	
41	IC	WireCare	0462-209-16141	SIZE 16 SOLID SOCKET - 14-16 AWG	\$0.928	50	\$46.40	30-Mar-18	3-Apr-18	2	days	
42	IC	Amazon	B01FF6QY0S	Qadira Insulated Electrical Crimp Connectors Set	\$15.390	1	\$15.39	2-Apr-18	6-Apr-18	4	days	
48	IC	Mouser	654-PL00X-301-10D10	Heavy Duty Power Connectors	\$24.550	4	\$98.20	9-Apr-18	11-Apr-18	2	days	
48	IC	Mouser	654-PL28X-301-70	Amphenol Heavy Duty Connectors	\$49.490	4	\$197.96	9-Apr-18	11-Apr-18	2	days	
48	IC	Mouser	654-PL28W-301-70	Heavy Duty Power Amphenol Connectors	\$49.000	2	\$98.00	9-Apr-18	11-Apr-18	2	days	
51	IC	Mouser	644-S2/D-388	Terminals 2/0 3/8 RING TERM	\$2.540	15	\$38.10	16-Apr-18	19-Apr-18	3	days	
52	IC	WireCare	0462-201-16141	SIZE 16 SOLID SOCKET - 16-18-20 AWG	\$0.550	50	\$27.50	16-Apr-18	19-Apr-18	3	days	
53	IC	Mouser	571-0T06-4S	Automotive Connectors PLUG DT 4 WAY	\$1.640	10	\$16.40	18-Apr-18	24-Apr-18	4	days	
53	IC	Mouser	571-W4-S	Automotive Connectors WEDGELOCK, DT, 4 WAY	\$0.380	10	\$3.80	18-Apr-18	24-Apr-18	4	days	
53	IC	Mouser	571-0T06-6S	Automotive Connectors PLUG DT 6 WAY	\$2.570	5	\$12.85	18-Apr-18	24-Apr-18	4	days	
53	IC	Mouser	571-W6-S	Automotive Connectors WEDGELOCK DT 6 WAY	\$0.390	5	\$1.95	18-Apr-18	24-Apr-18	4	days	
				IC Total			\$1,865.25					

3	Dyno	EV West	Not Available	First Technology Inertia Switch	\$52.800	1	\$52.80	25-Jan-18	Feb 1 2018	5 days	Link for the product: http://www.evwest.com/catalog/product_info.php?products_id=281
17	Dyno	Amazon	800UVB488	RackSolutions 7U Flush Rack Mount Monitor	\$299.990	1	\$299.99	Feb 21 2018	Feb 23 2018	2 days	
22	Dyno	Amazon	800UVB488	1U Rack Mount Sliding Keyboard Tray	\$58.990	1	\$58.99	26-Feb-18	2-Mar-18	4 days	
22	Dyno	Amazon	8002QFOKOO	SIIF USB Mini Multimedia Keyboard - Ultra-slim	\$19.540	1	\$19.54	26-Feb-18	2-Mar-18	4 days	
				Dyno Total			\$431.32				
5	TSV	Mouser	879-1327G8FP	Heavy Duty Power Connectors PP 15/45	\$1.450	5	\$7.25	30-Jan-18	Feb 1 2018	2 days	
7	TSV	Amazon	8003U76AU4	LED Strobe Light Red Lens, T5AL	\$35.000	1	\$35.00	Feb 2 2018	Feb 11 2018	6 days	
7	TSV	Amazon	64840	Eklind Power T Handle Ball -Hex Key 4 mm	\$5.080	3	\$15.24	Feb 2 2018	Feb 11 2018	6 days	
11	TSV	Amazon	800K86MVE4	Tripp Lite Universal Reversible USB	\$5.520	3	\$16.56	Feb 13 2018	Feb 20 2018	5 days	
11	TSV	Amazon	8006I023YU	Pro Tie 33200 SAE 10 Pack Size 4	\$11.650	1	\$11.65	Feb 13 2018	Feb 20 2018	5 days	
12	TSV	Mouser	538-73838-0006	Headers and Wire Housings 8P	\$0.330	10	\$3.32	Feb 13 2018	Feb 16 2018	4 days	
12	TSV	Mouser	652-PWR20T-20-R750F	Bourns Thick Film Resistors	\$3.580	10	\$35.80	Feb 13 2018	Feb 16 2018	2 days	
12	TSV	Mouser	859-LTV-357T	Transistor Output Optocoupler	\$0.250	5	\$1.25	Feb 13 2018	Feb 16 2018	2 days	
12	TSV	Mouser	576-0287020.PXCN	Automotive Fuses 32V 20A	\$0.232	10	\$2.32	Feb 13 2018	Feb 16 2018	2 days	
13	TSV	Digikey	WM9138CT-ND	CONN TERM FEMALE 24-30AWG	\$0.097	100	\$9.70	Feb 13 2018	Feb 20 2018	5 days	
13	TSV	Digikey	WM4828-ND	CONN HDR VERT 6POS 100 TIN	\$1.046	20	\$20.92	Feb 13 2018	Feb 20 2018	5 days	
13	TSV	Digikey	LT13078CS88PBF-ND	IC REG BOOST ADI 0.6A 8SOIC	\$4.230	10	\$42.30	Feb 13 2018	Feb 20 2018	5 days	
13	TSV	Digikey	PIC16LF1827-I/SO-ND	IC MCU 8BIT 7KB FLASH 18SOIC	\$1.520	10	\$15.20	Feb 13 2018	Feb 20 2018	5 days	
13	TSV	Digikey	TIP102-8P-ND	TRANS NPN DARL 100V 8A TO-220	\$1.290	5	\$6.45	Feb 13 2018	Feb 20 2018	5 days	
14	TSV	McMaster-Carr	5891T631	"Danger High Voltage" Labels 2-1/2" High x 1-3/4" Wide 10-Pack	\$10.130	1	\$10.13	Feb 13 2018	Feb 14 2018	1 days	All Stickers added to TSV
24	TSV	Mouser	755-88R015P03TL	MOSFET 4V DRIVE PCH MOSFET	\$0.347	10	\$3.47	1-Mar-18	7-Mar-18	4 days	
24	TSV	Mouser	576-0216001.MXESPP	Cartridge Fuses 250V 1A Fast Acting 5x20	\$0.499	10	\$4.99	1-Mar-18	7-Mar-18	4 days	
24	TSV	Mouser	530-0A0C0350-8E	Cartridge Fuses FUSE, CERAMIC TUBE 25A	\$2.970	15	\$44.55	1-Mar-18	7-Mar-18	4 days	
24	TSV	Mouser	0A0EP9200-RE	Cartridge Fuses FUSE, 20A	\$3.20	4	\$12.80	1-Mar-18	7-Mar-18	4 days	
28	TSV	ExcessParts	480G3-8K	ANDERSON POWER 480G3-8K	\$0.620	5	\$3.10	9-Mar-18	14-Mar-18	3 days	
28	TSV	ExcessParts	480G3-8K	ANDERSON POWER 480G3-8K	\$0.540	5	\$2.70	9-Mar-18	14-Mar-18	3 days	
29	TSV	Mouser	71-CP00105R000JE143	Wirewound Resistors - Through Hole Sotms	\$0.960	3	\$2.88	9-Mar-18	15-Mar-18	4 days	
31	TSV	Mouser	879-1332	Heavy Duty Power Connectors PP13 816-20	\$0.250	20	\$5.00	21-Mar-18	23-Mar-18	2 days	
34	TSV	McMaster-Carr	91287A116	18-8 Stainless Steel Hex Head Screw M4 x 0.7 mm Thread, 20 mm Long	\$5.840	5	\$29.20	22-Mar-18	23-Mar-18	1 days	
35	TSV	Pegasus Auto Racing	3356	SCCA Off Decal for Master Switch	\$0.990	5	\$4.95	22-Mar-18	27-Mar-18	3 days	All Stickers added to TSV
36	TSV	GMW Associates	88M-01	Bus Bar Module Current Sensor, 12- 160mm Bus Bar widths	\$40.000	1	\$40.00	23-Mar-18	3-Apr-18	7 days	
37	TSV	BatterySpace	LFP-660	LIFE-MEPOB Prismatic Module 3.2V 60 Ah, 10C Rate	\$96.750	5	\$483.75	22-Mar-18	2-Apr-18	7 days	
38	TSV	ExcessParts	480G3-8K	ANDERSON POWER 480G3-8K	\$0.620	25	\$15.50	26-Mar-18	2-Apr-18	5 days	
38	TSV	ExcessParts	480G3-8K	ANDERSON POWER 480G3-8K	\$0.540	25	\$13.50	26-Mar-18	2-Apr-18	5 days	
39	TSV	Lafayette Reprographics	NA	Accumulator Always Energized Sticker	\$1.000	12	\$12.00	23-Mar-18	23-Mar-18	0 days	All Stickers added to TSV
46	TSV	Mc Master Carr	76025A733	Surface-Protection Tape Made with Teflon	\$27.070	2	\$54.14	9-Apr-18	10-Apr-18	1 days	
46	TSV	Mc Master Carr	9910T13	Garolite Sheet 24" Wide x 36" Long, 1/32" Thick	\$26.090	1	\$26.09	9-Apr-18	10-Apr-18	1 days	
46	TSV	Mc Master Carr	7856K19	Heat-Shrink Tubing 4 Feet Long, 1" ID Before Shrinking	\$7.320	2	\$14.64	9-Apr-18	10-Apr-18	1 days	
46	TSV	Mc Master Carr	7565K47	Cable Holders Adhesive-Back, for 9/16", Pack of 25	\$11.830	100	\$23.66	9-Apr-18	10-Apr-18	1 days	
47	TSV	Amazon	801M0680XE	(2-Pack) 1 Mil Hi-Temp Kapton Tape	\$14.250	1	\$14.25	9-Apr-18	13-Apr-18	4 days	
49	TSV	Macron Safety	Not Available	Class 0 Type 1, 36" x 36" Insulated Rubber Blanket Yellow	\$91.000	4	\$364.00	12-Apr-18	18-Apr-18	4 days	http://www.macronsafety.com/insulated-rubber-blanket1
50	TSV	Digikey	WM4593-ND	CONN TERM FEMALE 24-30AWG	\$0.235	100	\$23.52	13-Apr-18	20-Apr-18	5 days	
51	TSV	Mouser	676-TL27	Test Leads HEAVY DUTY TEST LE	\$35.990	1	\$35.99	16-Apr-18	19-Apr-18	3 days	
				TSV Total			\$1,467.77				
				Shipping Total			\$748.70				

Total: \$5,647.47