

Level	Item	Part Number	Qty	Description	Refdes	Rev
1	1	2001-0037-00	1	PA600 Assembly, RTU5		24
2	1	2100-0343-04	1	PCBA, PROTOTR600 Bd		1.1
3	1	0052-0081-00	2	BNC Plug, Rt Angle, 50 Ohm, PCB Mount	J14-15	-
3	2	0070-0031-00	14	Surface mount Varistor Multilayer Transient Voltage Surge Suppressor	Z208,Z220-232	-
3	3	1000-0006-00	1	Resistors - Fixed,100K,0805,RES0805	R204	-
3	4	1000-0009-00	9	Resistors - Fixed,10K,0805,RES0805	R123,R126,R137,R179,R211-212,R246,R256-257	-
3	5	1000-0015-00	1	Resistors - Fixed,3K32,1%,0805,RES0805	R125	-
3	6	1000-0016-00	1	Resistors - Fixed,52K3,1%,0805,RES0805	R120	-
3	7	1000-0020-00	3	Resistors - Fixed,1K50,1%,0805,RES0805	R196-198	-
3	8	1000-0023-00	2	Resistors - Fixed,1.00M,1%,0805,RES0805	R237-238	-
3	9	1000-0027-00	2	Resistors - Fixed,12K1,1%,0805,RES0805	R117,R143	-
3	10	1000-0029-00	1	Resistors - Fixed,143R,1%,0805,RES0805	R205	-
3	11	1000-0032-00	1	Resistors - Fixed,2K,1%,0805,RES0805	R245	-
3	12	1000-0043-00	1	Resistors - Fixed,30K1,1%,0805,RES0805	R119	-
3	13	1000-0053-00	1	Resistors - Fixed,49K9,1%,0805,RES0805	R152	-
3	14	1000-0064-00	1	Resistors - Fixed,100R,1%,0805,RES0805	R128	-
3	15	1000-0068-00	2	Resistors - Fixed,294R,1%,0805,RES0805	R173,R175	-
3	16	1000-0070-00	3	Resistors - Fixed,37K4,1%,0805,RES0805	R144,R177,R258	-
3	17	1000-0078-00	8	0805 0 ohm jumper	R191-192,R277-282	-
3	18	1000-0093-00	1	Resistors - Fixed,16K5,1%,0805,RES0805	R151	-
3	19	1000-0106-00	1	Resistors - Fixed,200K,1%,0805,RES0805	R115	-
3	20	1000-0107-00	15	Resistors - Fixed,301K,1%,0805,RES0805	R124,R241,R243,R247-250,R261-264,R271-274	-
3	21	1000-0154-00	3	Resistors - Fixed,60K4,1%,0805	R114,R242,R244	-
3	22	1000-0259-00	4	100 Ohm resistor, 1 %, 1206 pkg	R220,R224,R226,R228	-
3	23	1000-0276-00	4	Resistors - Fixed,115R,1%,0805,RES0805	R231,R233-234,R236	-
3	24	1000-0286-00	1	Resistors - Fixed,475 Ohm,2010,1%	R3	-
3	25	1000-0291-00	2	Resistors - Fixed,33R2,1%,0805,RES0805	R172,R174	-
3	26	1000-0309-00	6	1 KOhm resistor, 1 %, 1206 pkg	R132,R134,R200-203	-
3	27	1000-0357-00	1	Resistors - Fixed,1K,0603	R107	-
3	28	1000-0414-00	1	1206 0 ohm jumper	R283	-
3	29	1000-0433-00	1	Resistors - Fixed,340 Ohms,1%,0603	R140	-
3	30	1000-0458-00	1	Resistors - Fixed,3.9 K,1%,0603	R108	-
3	31	1000-0536-00	1	0805 1.0 Ohm Resistor	R2	-
3	32	1000-0742-00	1	Resistors - Fixed,374 Ohms,1%,0805,RES0805	R209	-
3	33	1000-0743-00	1	Resistors - Fixed,2.61 K Ohms,1%,0805,RES0805	R141	-

3	34	1000-0753-00	1	Resistors - Fixed,20K5,1%,0603,RES0603	R101	-
3	35	1000-0754-00	1	resistor, 1.0kOhm, thick film, 1%, 1/2W, 100ppm/C, 200V, 1210 pkg	R129	-
3	36	1000-0755-00	3	Resistors - Fixed, 562 Ohm,1%,1206 Pkg	R131,R133,R135	-
3	37	1000-0772-00	4	Resistor, thick film, 562Ohm, 125mW, 150 V, +/-1%, 0805	R251,R259,R265,R275	-
3	38	1000-0784-00	1	Resistor, thick film, 88.7kOhm, 125mW, 150 V, +/-1%, 0805	R118	-
3	39	1000-0791-00	1	Resistor, thick film, 1.00MEGOhm, 1W, +/-1%, 3kV, 2512	R181	-
3	40	1000-0794-00	1	Resistor, thick film, 169Ohm, 125mW, 150 V, +/-1%, 0805	R21	-
3	41	1000-0796-00	2	Resistor, thick film, 52.3Ohm, 125mW, 150 V, +/-1%, 0805	R213,R215	-
3	42	1000-0800-00	1	Resistors - Fixed,29.4K Ohms,1%,0805,RES0805	R154	-
3	43	1000-0801-00	1	Resistors - Fixed,34.8K Ohms,1%,0805,RES0805	R105	-
3	44	1000-0807-00	4	Resistor, thick film, 82.5Ohm, 125mW, 150 V, +/-1%, 0805	R171,R180,R183,R186	-
3	45	1000-0821-00	1	Resistor, thick film, 270mOhm, 1W, 300 V, +/-1%, 1210	R153	-
3	46	1000-0825-00	1	Resistor, thick film, 274Ohm, 125mW, 150 V, +/-1%, 0805	R139	-
3	47	1000-0826-00	1	Resistor, thick film, 40.2kOhm, 125mW, 150 V, +/-1%, 0805	R127	-
3	48	1000-0832-00	2	Resistor, thick film, 53.6Ohm, 125mW, 150 V, +/-1%, 0805	R232,R235	-
3	49	1000-0833-00	4	Resistor, thick film, 88.7Ohm, 125mW, 150 V, +/-1%, 0805	R182,R184-185,R187	-
3	50	1050-0003-00	23	Capacitors - Ceramic,.1U,0805,CAP0805	C11-12,C21-27,C31-32,C34-36,C102,C183-185,C201-202,C244-245,C250	-
3	51	1050-0015-00	2	0805 470pF NPO cap	C154,C251	-
3	52	1050-0017-00	5	0805 100pF NPO cap	C18,C181-182,C190,C194	-
3	53	1050-0019-00	6	0805 10nF X7R cap 50V 10%	C103,C128,C132-134,C146	-
3	54	1050-0046-00	1	0805, 470nF, 5%, X7R cap	C207	-
3	55	1050-0075-00	1	Capacitor, 22nF, 0603, X7R,25V, 10%	C101	-
3	56	1050-0080-00	1	0603 270pF COG cap 5%	C104	-
3	57	1050-0087-00	2	0603, 27pF, 50 Volt NPO cap	C205-206	-
3	58	1050-0126-00	4	0805 47nF 50V X7R 10% Cap	C213-216	-

3	59	1050-0258-00	8	0805, 1 nF, 2%, NPO cap	C13,C105,C131,C135,C140,C142,C168,C204	-
3	60	1050-0273-00	1	0805 5.6 pF,50 Volt NPO cap	C178	-
3	61	1050-0354-00	15	1 UF 50V 10% X7R 0805 CAP CERAMIC	C4,C14,C110,C114-115,C141,C144,C151,C196-198,C203,C259,C265,C275	-
3	62	1050-0406-00	4	Capacitor, 4.7uF, X7S, 100V, +/-10%, 1210	C3,C153,C155,C159	-
3	63	1050-0407-00	4	Capacitor, 1.0uF, X7R, 100V, +/-10%, 1206	C1,C16,C118,C156	-
3	64	1050-0417-00	3	Capacitor, 820pF, Porcelain, 1kV, ATC100C, +/-5%	C157,C166,C170	-
3	65	1050-0422-00	1	capacitor, 22pF, NPO, 2.5kV, +/-5%, 2225	C162	-
3	66	1050-0423-00	1	capacitor, 2.0pF, NPO, 500V, +/-0.1pF, 1111, horizontal mount	C173	-
3	67	1050-0428-00	1	Capacitor, 10pF, NPO, 2.5kV, +/-5%, 2225	C161	-
3	68	1050-0434-00	1	Capacitor, 6.8pF, NPO, 500V, +/-0.1pF, 1111, horizontal mount	C165	-
3	69	1050-0435-00	1	Capacitor, 8.2pF, NPO, 2.5kV, +/-5%, 2225	C163	-
3	70	1053-0059-00	3	270 uF 10 V +/- 20% Conductive Polymer Aluminum Solid Cap	C107,C139,C143	-
3	71	1053-0060-00	1	390 uF 6.3 V +/- 20% Conductive Polymer Aluminum Solid Cap	C109	-
3	72	1053-0062-00	1	Capacitor, Polarized, 220uF, Al, 63V, +/-20%	C100	-
3	73	1053-0063-00	1	Capacitor, 33uF, Tn, 10V, +/- 20%, EIA-B	C2	-
3	74	1053-0064-00	3	Capacitor, 47uF, Tn, 6.3V, +/- 20%, EIA-B	C116,C145,C186	-
3	75	1053-0065-00	1	capacitor, 10uF, tantalum, 35V, 1 Ohm ESR, +/-10%, D-case (7343 or 2917)	C117	-
3	76	1100-0041-00	1	Inductor,4.7 UH, SMD, 20%	L2	-
3	77	1100-0176-00	3	Coiltronics, DR73-100-R, 10uH, Isat 2.47 Amp	L139,L155-156	-
3	78	1100-0198-00	10	Ferrite Bead	FB12,FB18,FB249-251,FB256,FB261,FB263,FB271,FB273	-
3	79	1100-0269-00	3	Inductor,100 UH, 260 mA,SMD, 20%	L109,L145,L202	-
3	80	1100-0273-00	1	Shielded Power Inductor, 27 uH,SMD,20%	L1	-
3	82	1100-0281-00	1	Inductor, 50nH, 0.563"L x 0.4375"D solenoid, Q=125, 10%, 14AWG	L161	3
3	83	1100-0282-00	1	Inductor, 120uH, PM2110, 2.02A, 10%	L153	-
3	84	1100-0283-00	1	Inductor, 10uH, DR125, 5.36A, 18.9 mOhm, 20%	L143	-
3	85	1100-0287-00	1	Inductor, 37nH, 0.460"L x 0.248"D solenoid, Q=125, 10%, 14AWG	L163	2
3	86	1200-0004-00	1	Diode, Fast Switching, 350mW	D204	-
3	87	1200-0005-00	1	Diode, Fast Recovery Rectifier	D101	-
3	88	1200-0041-00	1	Diode,1.0 A, Surface Mount, Fast Recovery Rectifier	D2	-
3	89	1200-0074-00	1	Diode, LED,Right angle, Green	D200	-

3	90	1200-0075-00	3	Diode, LED,Right angle, Yellow	D201-203	-
3	91	1200-0132-00	1	SMP1307-027LF Very Low Distortion Attenuator Plastic Packaged PIN Diodes	D131	-
3	92	1200-0133-00	2	PIN diode, UM9415, commercial two-way radio antenna switch, 0.21in x 0.14in dia SM	D166-167	-
3	93	1200-0136-00	1	Dual Small Signal Switching Diode, 70 Volt Vrrm	D3	-
3	94	1200-0139-00	1	Diode, 10MQ100N, Schottky, 100V, 2.1A, SMA	D16	-
3	95	1200-0142-00	1	Schottky diode, VS-30WQ10FN, VR=100V, 3.5A, TO- 252AA	D1	-
3	96	1200-0143-00	1	Diode, PIN, TI= 1uS, 100W, 50V	D168	-
3	97	1300-0018-00	3	Transistor, N Channel, Logic Level,Enhancement Mode FET	Q137,Q204,Q208	-
3	98	1300-0065-00	1	Transistor, P Channel, Enhancement Mode FET	Q18	-
3	99	1300-0106-00	2	p-channel MOSFET, SUM110P08, 80V, 71A, 125W, RDS(on)=0.14mOhm @ VGS=-4.5V, TO-263	Q16,Q19	-
3	100	1450-0233-00	1	SN74LVC1G3157, Single-Pole, Double throw Analog Switch	U25	-
3	101	1450-0237-00	1	AM26LV31,Low-Voltage High-Speed Quadruple diferential line drivers	U27	-
3	102	1450-0344-00	1	IC VOLT REF PREC MCROPWR 3.0V 15mA SOT23-3	D21	-
3	103	1450-0392-00	1	IC,Cap-Free, NMOS, 1.8 Volt, 150mA Low Dropout Pegulator with Reverse Current Protection, RoHS compliant	U4	-
3	104	1450-0406-00	1	MSP430F5324IRGC, Low Power, Mixed Signal Microcontroller	U22	-
3	105	1450-0467-00	1	LM7321MA, Single, Rail to Rail Input/Output ,+- 15 V, High Output Current and Unlimited Load Operational Amplifier	U12	-
3	106	1450-0468-00	1	IC, Simple Switcher, 75V, 3 Amp Step-Down Switching Regulator	U1	-
3	107	1450-0470-00	1	250mA, 4V to 80V, Low Dropout Micro Power Linear Regulator	U3	-
3	108	1450-0471-00	1	6.5 Watt RF MOSFET Amplifier, 135-175 MHz, 2 stage	U13	-
3	109	1450-0472-00	1	PFET Buck Controller for High Power LED Controllers	U16	-
3	110	1450-0481-00	1	IC, differential line receiver, quad, 200mV sensitivity	U26	-
3	111	1450-0486-00	2	IC, dual DAC, MCP4822, 12-bit, SPI, SO-8	U23-24	-

3	112	1450-0488-00	5	IC, Operational Amplifier, RRIO, 170uA/Ch, 1.2MHz BW, 8V max input	U31-32,U34-36	-
3	113	1450-0490-00	1	IC, buffer, single, SN74LVC1G34, 1.65-5.5V, 3.5nS @ 3.3V, SOT-23	U15	-
3	114	1450-0492-00	1	IC, comparator, 8uS Tpd, 1.0 uA Is, 7mV Vos, 1.6 - 5.0V Vs, open drain output, SOT-23	U11	-
3	115	1450-0493-00	1	IC, dual channel power detector, 62 dB, 1MHz - 10GHz	U18	-
3	116	1450-0494-00	1	MCP1603T-ADJI/OS 2.0 MHz, 500 mA Synchronous Buck Regulator	U2	-
3	117	1450-0497-00	1	IC, low dropout regulator, ADJ out, 50 mA output, 6.0V max input	U14	-
3	118	1600-0007-00	22	Coil type EMI filter	FL208-209,FL220-232,FL250-251,FL256,FL261,FL263,FL271,FL273	-
3	119	1650-0044-00	1	25 position, right angle, PCB mount, D sub plug assembly	P4	-
3	120	1650-0080-00	1	3M, 7X2 low profile,shrouded header, straight, 100 mil pitch, high temp.MSP430FET	TP22	-
3	121	1650-0088-00	2	Connector - PCB, Single Row, Wafer Asy, Friction Lock, 3 Pin	TP31,TP138	-
3	122	1650-0235-00	1	Header, 1x12, Samtec TSW, 0.1" pitch, 0.025" sq x 0.23" post, right angle	P7	-
3	123	1650-0239-00	1	Connector, SMA, Jack, 50 Ohm, PCB mount, Vertical	J2	-
3	124	1700-0084-00	1	High Performance Quartz Crystal, 14.7456 MHz	Y206	-
3	125	DNI	18	DO NOT INSTALL ITEM	C17,C33,C106,C176,C253,D33,D100,J3-4,L33,P1,P8,Q138,R33,R138,R176,R178,U17	-
3	126	2101-0343-04	1	PCB, PROTOTR600 Bd	CARD1	1
3	127	2100-0343-04SC	0	SCH, PROTOTR600 Bd		1.1
3	212	1100-0293-00	2	Inductor, 4.7uH, 1812FS, 1.0A, Q=28 @ 1MHz, 10%, 1812	L157-158	-
3	216	1200-0059-00	1	Zenner Diode, 3.6 Volt, 200 mW, SOD323	R276	-
2	2	2100-0344-03	1	PCBA, BLF184XR Prototype Amplifier Bd		1.2
3	1	1650-0234-00	1	Receptacle, 1x12, Samtec SSQ, 0.1" pitch 0.025" sq post, right angle	J3	-
3	2	1100-0198-00	9	Ferrite Bead	FB1,FB60-67	-
3	3	1450-0477-00	1	MCP9700, Low-Power Linear Active Thermistor IC	U63	-
3	4	1450-0489-00	1	IC, high-side current sense monitor, INA169, 60V max input, SOT-23	U60	-
3	6	1053-0062-00	3	Capacitor, Polarized, 220uF, Al, 63V, +/-20%	C40-42	-

3	7	1050-0398-00	1	Capacitor, ceramic, 220pF, NPO, 600V, +/-5%, 1111	C9	-
3	8	DNI	12	DO NOT INSTALL ITEM	C24-25,C27-28,C31-32,C34-35,C37-39,J2	-
3	9	1050-0395-00	2	Capacitor, ceramic, 100pF, NPO, 500V, +/-5%, 1111	C1,C26	-
3	10	1050-0401-00	3	Capacitor, ceramic, 100pF, NPO, 250V, +/-5%, 0805	C10-12	-
3	11	1050-0405-00	2	Capacitor, ceramic, 100nF, C0G, 50V, +/-10%	C33,C360	-
3	12	1050-0003-00	3	Capacitors - Ceramic,.1U,0805,CAP0805	C19-21	-
3	13	1000-0006-00	1	Resistors - Fixed,100K,0805,RES0805	R1	-
3	14	1050-0403-00	1	Capacitor, mica, 91pF, 300V, +/-5%, MIN02	C7	-
3	15	1050-0419-00	1	Capacitor, ceramic, 68pF, NPO, 250V, +/-5%, 0805	C3	-
3	16	1000-0053-00	1	Resistors - Fixed,49K9,1%,0805,RES0805	R62	-
3	17	1050-0402-00	1	Capacitor, mica, 47pF, 300V, +/-5%, MIN02	C6	-
3	19	1050-0381-00	1	10 uF, 100 V, X7S, 20%, 2220, Cap	C36	-
3	20	1050-0418-00	1	Capacitor, ceramic, 10pF, NPO, 250V, +/-5%, 0805	C2	-
3	21	1050-0019-00	4	0805 10nF X7R cap 50V 10%	C16-18,C63	-
3	22	1100-0275-00	2	Inductor, 8nH, MiniSpring, 4A, 5%, Size A	L2-3	-
3	23	1050-0397-00	1	Capacitor, ceramic, 5.6pF, NPO, 500V, +/-0.1pF, 1111	C8	-
3	24	1650-0239-00	1	Connector, SMA, Jack, 50 Ohm, PCB mount, Vertical	J1	-
3	25	1000-0748-00	1	Resistors - Fixed,Low Value, .005 Ohm, 1%, 3 WattSurface mountable	R60	-
3	26	1000-0764-00	2	Resistor, Aluminum Nitride, 5.0 Ohm, 75W, +/-5% 2010	R2-3	-
3	27	1050-0404-00	1	Capacitor, ceramic, 4.7nF, C0G, 630V, +/-5%	C30	-
3	28	1000-0743-00	1	Resistors - Fixed,2.61 K Ohms,1%,0805,RES0805	R61	-
3	29	1050-0392-00	2	1.0 uF 100V X7R 20% X7R, 1206 case, Cap	C22-23	-
3	30	1050-0399-00	1	Capacitor, ceramic, 1.0nF, NPO, 200V, +/-5%, 1111	C29	-
3	31	1050-0258-00	3	0805, 1 nF, 2%, NPO cap	C13-15	-
3	32	2101-0344-03	1	PCB, BLF184XR Prototype Amplifier Bd	CARD1	1.1
3	33	2100-0344-03SC	0	SCH, BLF184XR Prototype Amplifier Bd		1.2
3	38	1300-0104-00	1	700 Watt, Extremely rugged LDMOS Power Transistor, BLF184XR	Q2	-
2	11	0008-0300-00	1	Pad, Thermal, Gap		3
2	13	0008-0303-02	1	Heatsink, PA600, WV16990, 10.5 x 15.25, w/Pockets 3, 4, 5		9
3	1	0008-0307-00	1	Extrusion, 17.00â€³, 16990 Shape, Wakefield-Vette, 6063-T5		-
2	15	0008-0305-00	3	Bracket, Huber Suhner Mount, Housing, PA600		5
2	31	0030-0158-00	1	Cover, Housing, PA600		6

2	32	0030-0159-00	1	Panel, Back, Housing, PA600		6
2	33	0030-0160-00	1	Panel, Front, Housing, PA600		4
2	34	0030-0161-00	2	Bracket, Side, Housing, PA600		4
2	35	0030-0162-00	1	Plate, Fascia, Single Position, Housing, PA600		4
2	36	0030-0163-00	1	Plate, Fascia, Dual Position, Housing, PA600		4
2	37	0030-0164-00	2	Fence, RF, PCB, Housing, PA600		7
2	38	0030-0165-00	1	Cover, Fence, RF, Long, Housing, PA600		6
2	39	0030-0166-00	1	Cover, Fence, RF, Short, Housing, PA600		5
2	40	0030-0167-00	1	Cover, RF, LED, Housing, PA600		4
2	51	0004-0027-00	12	4-40, Pan head, phillips, 3/8" long, 18-8 Stainless		-
2	53	0004-0075-00	2	Machine Screw, Button Head, 18-8 Stainless Steel, 2-56 x 3/16		-
2	55	0004-0077-00	2	Machine Screw, Button Head, 18-8 Stainless Steel, 4-40 x 3/8		-
2	57	0004-0079-00	12	Machine Screw, Button Head, 18-8 Stainless Steel, 4-40 x 7/16		-
2	58	0004-0080-00	14	Machine Screw, Button Head, 18-8 Stainless Steel, 6-32 x 1/2		-
2	59	0004-0081-00	18	Machine Screw, Button Head, 18-8 Stainless Steel, 8-32 x 1/2		-
2	60	0004-0082-00	8	Machine Screw, Button Head, 18-8 Stainless Steel, 8-32 x 3/8		-
2	71	0005-0028-00	18	Nut, With Serated Lock Washer, 18-8 Stainless Steel, 4-40		-
2	81	0007-0024-00	2	Flat Washer, 18-8 Stainless Steel, #2		-
2	83	0007-0026-00	14	Flat Washer, 18-8 Stainless Steel, #6		-
2	84	0007-0027-00	26	Flat Washer, 18-8 Stainless Steel, #8		-
2	85	0007-0028-00	2	Split Lock Washer, 18-8 Stainless Steel, #2		-
2	87	0007-0030-00	14	Split Lock Washer, 18-8 Stainless Steel, #6		-
2	88	0007-0031-00	26	Split Lock Washer, 18-8 Stainless Steel, #8		-
2	91	1650-0238-00	3	Connector, N, 50 Ohm, PCB end launch, N flange		-
2	93	0052-0104-00	1	Female Panel Mount Connector with Hardware		-
2	95	0001-0224-00	1	Harness, Internal, SMA-M - Driver to PA600 cable, Semi-Flexible		2
2	96	0052-0103-00	2	Connector, 0.1 in, 2 pin, shorting jumper		-
2	100	0007-0036-00	80	Flat Washer, Narrow, 18-8 Stainless Steel, #4		-
2	102	0007-0033-00	80	Split Lock Washer, Narrow, 18-8 Stainless Steel, #4		-

2	104	0004-0083-00	54	Machine Screw, Socket Head, Stainless Steel 18-8, 4-40 x 3/8"		-
2	107	0007-0042-00	2	Washer, 18-8 SS, Triple Wave, 0.516 I.D.		-
2	108	0004-0085-00	2	Jack Screw, Male-Female, Stainless Steel 18-8, 4-40 x 3/8"		-
2	109	0001-0225-00	1	Wire Assembly, Crimp, Tinned, Red, PA600		4
3	1	0003-0052-00	1.7	Wire, 16 AWG, UL1032, Red		-
3	2	0052-0105-00	1	Female Crimp Contacts Socket, AWG 16/14		-
2	110	0001-0226-00	1	Wire Assembly, Crimp, Tinned, Black, PA600		4
3	1	0003-0053-00	1.7	Wire, 16 AWG, UL1032, Black		-
3	2	0052-0105-00	1	Female Crimp Contacts Socket, AWG 16/14		-
2	111	0008-0304-00	1	Thermal, Interface, Silverphase 50		3
2	112	0008-0311-00	AR	Thermal Compound, Arctic Silver 5		-
2	113	0008-0264-00	AR	Thermally Conductive Grease 2 oz. tube		-
2	114	0015-0014-00	0.83	Gasket, EMI, Fabric Shielded, Oval shape, 0.200 wide		-
2	115	0015-0013-00	0.61	Gasket, EMI, Polyurethane Foam, C shape, 0.280 wide		-
2	116	0015-0015-00	0.85	Gasket, EMI, Fabric, D shape, 0.709 wide		-
2	117	1100-0290-00	1	FERRITE CORE, 85 OHM, SOLID, 6.35MM		-
2	141	2001-0037-TP	0	Test Procedure, PA600		1
3	1	8600-0005-00	0	Test Program, PA600		1
2	145	0100-0145-00	1	Label Kit, RTU5		2
3	1	9005-0161-00	0	Unit Labeling Specification, RTU5		1
3	2	0009-0135-00	1	Label, Blank 69mm x 24.5mm 2mil White Polyester		-
2	146	0100-0146-00	1	Shipping Kit, PA600		1
3	1	0040-0085-00	1	Shipping Box, PA600		-
2	150	2001-0037-AD	0	Assy Dwg, PA600 Assembly, RTU5		5
2	153	8415-0195-00	0	FW, PA600		0.1.8
1	2	2004-0017-00	1	Controller Transceiver Assembly, RTU5		11
2	1	2100-0315-09	1	PCBA, Controller Transceiver Module		1.1
3	1	0030-0157-00	1	Shield, Fence & Cover, CTM	SHLD1	-
3	2	0052-0081-00	2	BNC Plug, Rt Angle, 50 Ohm, PCB Mount	J14-15	-
3	3	0054-0006-00	2	Surface mount Resettable Fuse type device, 500 mA max	F663,F699	-
3	4	0054-0016-00	2	Surface mount Resettable Fuse type device, 1.6A max	F581-582	-

3	5	0056-0022-00	1	MultiFunction thru hole 7 position DIP switch with socket	S605	-
4	1	1650-0196-00	1	14 position, 300 mil wide DIP Socket		-
4	2	0056-0021-00	1	MultiFunction thru hole 7 position DIP switch		-
3	6	0056-0023-00	1	Switch, SPST, pushbutton, 24VDC, 50mA, PCB, right angle, 3.25mm shaft	S1	-
3	7	0056-0024-00	1	Switch, SPST, pushbutton, 24VDC, 50mA, PCB, right angle, 6.25mm shaft	S2	-
3	8	0065-0032-00	1	Relay, signal, DPDT, 5V 178 Ohm coil, 220V 2A contact, EE2 package	K685	-
3	9	0070-0017-00	4	Surface mount multiplayer varistor	Z581-582,Z663,Z699	-
3	10	0070-0031-00	28	Surface mount Varistor Multilayer Transient Voltage Surge Suppressor	Z650-657,Z661-662,Z665-666,Z670-671,Z676,Z681,Z691-698,Z701-704	-
3	11	1000-0018-00	8	Resistors - Fixed,10K,RNET744,RNET744	R527,R561,R654,R661,R701,R703,R862-863	-
3	12	1000-0062-00	5	1.0K .125W 5% 744 series 4 resistor network	R461,R549,R555,R593,R641	-
3	13	1000-0082-00	1	4K7 Ohm Isolated 4 resistor network	R594	-
3	14	1000-0098-00	1	Resistors - Fixed,680 Ohm,RNET744	R861	-
3	15	1000-0132-00	2	Resistor,24.9K,0603,1%	R508,R511	-
3	16	1000-0169-00	11	47K Ohm Isolated 4 resistor network	R536-539,R605-606,R621,R626-629	-
3	17	1000-0179-00	12	Resistors - Fixed,2K21,1%,0603	R27,R159-160,R211,R230,R391-392,R542,R636-637,R646,R872	-
3	18	1000-0192-00	1	Resistors - Fixed,49K9,1%,0603	R301	-
3	19	1000-0203-00	3	Resistors - Fixed,12K4,1%,0603	R302,R713,R732	-
3	20	1000-0208-00	3	Resistors - Fixed,1.00M,1%,0603,RES0603	R368,R386,R721	-
3	21	1000-0215-00	4	Resistors - Fixed,100K,0603, 1%	R325-326,R330,R575	-
3	22	1000-0217-00	4	Resistor, 22.1K, 0603, 1%	R408-409,R418-419	-
3	23	1000-0218-00	9	Resistors - Fixed,4.75K,1%,0603	R327-329,R363,R381,R607,R609-610,R647	-
3	24	1000-0220-00	3	Resistors-fixed, 332 Ohm, 0603, 1%	R315,R528-529	-
3	25	1000-0222-00	8	0603 Zero Ohm jumper	R146,R154,R196,R205,R251,R253,R367,R385	-
3	26	1000-0224-00	24	Resistor 10K, 0603, 1%	R161,R252,R254,R334,R364,R382,R389,R448,R451,R453,R458,R464,R501,R504,R541,R581,R583,R590,R612,R631,R702,R742,R860,R864	-
3	27	1000-0237-00	5	Resistor network, 2 resistors 10 K, RNET744CO43	R526,R544,R556,R630,R635	-
3	28	1000-0240-00	8	Resistors-fixed, 249 Ohm, 0603, 1%	R164,R166,R168,R172-173,R738,R866,R868	-
3	29	1000-0282-00	1	Resistor,5.62 Ohm, 01206,1%	R510	-
3	30	1000-0295-00	1	Resistors - Fixed,75 Ohm,1%, size 2010	R64	-
3	31	1000-0296-00	1	Resistors - Fixed,174 Ohm,1%,Size 2010	R63	-
3	32	1000-0297-00	3	Resistors - Fixed,475 Ohm,0603,1%	R174,R212,R394	-
3	33	1000-0305-00	1	100 Ohm Isolated 4 resistor network	R421	-

3	34	1000-0309-00	3	1 KOhm resistor, 1 %, 1206 pkg	R447,R457,R463	-
3	35	1000-0311-00	3	Resistors - Fixed,17.8 Ohm,1%,0603	R139,R350,R487	-
3	36	1000-0313-00	2	Resistors - Fixed,71.5 Ohms,1%,0603	R474,R476	-
3	37	1000-0314-00	1	Resistors - Fixed,137 Ohms,1%,0603	R475	-
3	38	1000-0316-00	2	Resistors - Fixed,294R,1%,0603	R486,R488	-
3	39	1000-0317-00	2	Resistors - Fixed,715 Ohms,1%,0603	R277,R287	-
3	40	1000-0321-00	2	Resistors - Fixed,14.3 K,1%,0603	R403,R413	-
3	41	1000-0322-00	2	Resistors - Fixed,16.9 K,1%,0603	R406,R416	-
3	42	1000-0323-00	2	Resistors - Fixed,17.4 K,1%,0603	R401,R411	-
3	43	1000-0324-00	4	Resistors - Fixed,32.4 K,1%,0603	R290-291,R402,R412	-
3	44	1000-0330-00	2	Resistors - Fixed,90.9 Ohms,1%,0603	R257,R261	-
3	45	1000-0340-00	1	Resistors - Fixed,75.0 K,1%,0603	R576	-
3	46	1000-0350-00	10	Resistors - Fixed,100 Ohms,1%,0603	R101,R176,R214,R297-298,R311,R446,R456,R462,R587	-
3	47	1000-0355-00	2	Resistors - Fixed 10M,1%,0603	R231,R234	-
3	48	1000-0357-00	20	Resistors - Fixed,1K,0603	R103,R293-296,R305-306,R371,R379,R445,R452,R494,R503,R547,R551,R558,R585,R603-604,R639	-
3	49	1000-0361-00	1	Resistors - Fixed, 150 Ohm,1%,0603	R319	-
3	50	1000-0366-00	5	Resistors - Fixed,3.92 K,1%,0603	R312,R318,R393,R449-450	-
3	51	1000-0367-00	7	Resistors - Fixed,1K50,1%,0603	R316,R591-592,R665-666,R670-671	-
3	52	1000-0368-00	1	Resistors - Fixed,2K,1%,0603	R88	-
3	53	1000-0369-00	2	Resistors - Fixed,2K32,1%,0603	R273,R283	-
3	54	1000-0370-00	2	Resistors - Fixed,4K42,1%,0603	R271,R281	-
3	55	1000-0371-00	4	Resistors - Fixed,4K99,1%,0603	R272,R282,R441-442	-
3	56	1000-0373-00	8	Resistors - Fixed,453R,1%,0603	R115,R132,R148,R189,R207-208,R352,R479	-
3	57	1000-0377-00	1	Resistors - Fixed,15K0,1%,0603	R313	-
3	58	1000-0383-00	1	Resistors - Fixed,68R0,1%,0603	R495	-
3	59	1000-0384-00	4	Resistors - Fixed,1K43,1%,0603	R275-276,R285-286	-
3	60	1000-0387-00	4	Resistors - Fixed,24R9,1%,0603	R676-677,R681-682	-
3	61	1000-0389-00	1	Resistors - Fixed,475 K Ohms,1%,0603	R104	-
3	62	1000-0397-00	14	Resistors - Fixed,49R9,1%,0603	R25,R33,R40,R89,R99,R123,R129,R136,R263,R374-376,R472,R601	-
3	63	1000-0402-00	1	Resistors - Fixed,84.5 Ohm,1%,0603	R362	-
3	64	1000-0404-00	1	Resistors - Fixed,165R,1%,0603	R361	-
3	65	1000-0407-00	1	Resistors - Fixed,200 Ohm,1210,1%	R35	-
3	66	1000-0411-00	1	Resistors - Fixed,1K74,1%,0603	R737	-
3	67	1000-0415-00	5	Resistors - Fixed,47R5,1%,0603	R247,R249,R321,R323,R349	-
3	68	1000-0438-00	2	Resistors - Fixed,Low Value, .005 Ohm, 5%, 1 WattSurface mountable	R716,R727	-

3	69	1000-0452-00	2	Resistors - Fixed,82 Ohm,1%,0603	R342,R482	-
3	70	1000-0473-00	2	Resistors - Fixed,3K32,1%,0603	R724,R729	-
3	71	1000-0536-00	2	0805 1.0 Ohm Resistor	R815,R837	-
3	72	1000-0556-00	2	Resistors - Fixed,Low Value, .100 Ohm, 1%, Surface mountable	R71,R622	-
3	73	1000-0571-00	1	Resistors - Fixed, 909 Ohms, 1%, 0603	R554	-
3	74	1000-0578-00	1	Resistors - Fixed,51 Ohms,1%,0603	R869	-
3	75	1000-0585-00	11	Resistors - Fixed, 12.1 K,1%,RES0603	R94,R96,R534,R562,R624,R638,R642-645,R648	-
3	76	1000-0593-00	1	Resistors - Fixed, 5.49 K,1%,RES0603	R553	-
3	77	1000-0616-00	2	Resistors-fixed, 249 Ohm, 0805, 1%	R675,R680	-
3	78	1000-0673-00	2	Resistors - Fixed,137K Ohms,1%,0603	R509,R512	-
3	79	1000-0691-00	3	Resistors - Fixed,121 Ohm,1%,1206	R664,R669,R719	-
3	80	1000-0700-00	7	Resistors - Fixed,63.4 Ohm,1%,0603	R116,R163,R165,R167,R171,R865,R867	-
3	81	1000-0704-00	2	Resistors - Fixed,634 Ohm,0603, 1%	R258,R262	-
3	82	1000-0709-00	2	Resistors - Fixed,750 Ohm,1%,0603	R175,R213	-
3	83	1000-0710-00	2	Resistors - Fixed,1.07K Ohm,1%,0603	R717,R728	-
3	84	1000-0711-00	3	Resistors - Fixed,6.19K Ohm,1%,0603	R314,R317,R718	-
3	85	1000-0716-00	3	Resistors - Fixed,432 Ohm,1%,0603	R118-119,R121	-
3	86	1000-0717-00	2	Resistors - Fixed,11.5 Ohm,1%,0603	R117,R120	-
3	87	1000-0718-00	4	Resistors - Fixed,88.7 Ohm,1%,0603	R341,R343,R481,R483	-
3	88	1000-0719-00	1	Resistors - Fixed,5K62,1%,0603	R582	-
3	89	1000-0722-00	1	Resistors - Fixed,60.4,1%,0603	R586	-
3	90	1000-0724-00	1	Resistors - Fixed,1.37 K, Thick Film, 1%,0603	R741	-
3	91	1000-0757-00	1	Resistor, Fixed 274 Ohm, 0603,1%	R519	-
3	92	1000-0765-00	1	Resistors - Fixed,56K2, 1%,0603	R712	-
3	93	1000-0766-00	7	Resistors - Fixed,51K1, 1%,0603	R405,R415,R502,R602,R653,R685,R870	-
3	94	1000-0819-00	1	Resistor, thick film, 21.0kOhm, 100mW, 50 V, +/-1%, 0603	R158	-
3	95	1000-0822-00	3	Resistor, thick film, 4.12kOhm, 100mW, 50 V, +/-1%, 0603	R157,R533,R623	-
3	96	1000-0823-00	1	Resistor, thick film, 20.0Ohm, 100mW, 50 V, +/-1%, 0603	R178	-
3	97	1000-0824-00	2	Resistor, thick film, 267Ohm, 100mW, 50 V, +/-1%, 0603	R177,R179	-
3	98	1000-0829-00	1	Resistor, thick film, 324kOhm, 100mW, 50 V, +/-1%, 0603	R722	-
3	99	1000-0835-00	1	Resistor, thick film, 487kOhm, 100mW, 75 V, +/-1%, 0603	R303	-

3	100	1000-0836-00	1	Resistor, thick film, 3.83kOhm, 100mW, 50 V, +/-1%, 0603	R259	-
3	101	1000-0837-00	3	Resistor, thick film, 26.1kOhm, 100mW, 50 V, +/-1%, 0603	R404,R414,R871	-
3	102	1000-0838-00	1	Resistor, thick film, 4.02kOhm, 100mW, 75 V, +/-1%, 0603	R584	-
3	103	1000-0839-00	1	Resistor, thick film, 97.6kOhm, 100mW, 75 V, +/-1%, 0603	R731	-
3	104	1050-0044-00	2	Capacitor, 33nF, 0603, X7R	C715,C725	-
3	105	1050-0045-00	137	0603, 100nF, X7R cap, 50V	C8,C15-16,C18,C20-21,C25-29,C31,C33,C35,C38-40,C43-44,C49-50,C52-55,C57,C61,C63-64,C68,C73,C76,C78-79,C81-84,C88-89,C91-99,C115,C120,C140,C142,C145,C163,C176,C181,C191,C193,C195,C214,C217-218,C220-221,C225-227,C231,C236-237,C241-243,C251,C253,C268,C291,C293,C301-302,C311,C315,C319,C326-327,C359,C371,C378,C394,C429-433,C458,C464,C494-495,C503,C510,C515,C561,C563-567,C570-573,C576-579,C583,C585,C601,C608,C625-626,C631,C633,C635,C662-663,C665-666,C691-692,C737,C750,C860-863	-
3	106	1050-0049-00	2	0805 220pF NPO cap	C732,C734	-
3	107	1050-0062-00	17	100pF NPO cap, 0603	C2-3,C6,C11,C14,C138,C294,C296,C316,C323,C362,C374-376,C381,C522,C582	-
3	108	1050-0064-00	15	0603 10nF X7R cap 50V 10%	C9-10,C118,C121,C252,C254,C321-322,C325,C341,C361,C372,C519,C747,C868	-
3	109	1050-0067-00	2	1.0uF X7R cap, 0603	C246-247	-
3	110	1050-0077-00	2	0603 56pF COG cap 5%	C367,C385	-
3	111	1050-0078-00	2	0603 12pF COG 50V cap 5%	C347,C472	-
3	112	1050-0080-00	4	0603 270pF COG cap 5%	C215-216,C368,C386	-
3	113	1050-0082-00	2	0603 4.7nF X7R cap 50V 10%	C478,C486	-
3	114	1050-0087-00	4	0603, 27pF, 50 Volt NPO cap	C135,C471,C474,C525	-
3	115	1050-0116-00	1	Multilayer, Ceramic, COG, 75pF, 5%, 0603, cap	C139	-
3	116	1050-0120-00	7	0603 10pF, 2%, 50V, NPO cap	C211,C392,C521,C864-867	-
3	117	1050-0125-00	3	0805 10uF 10V X5R	C766,C794,C830	-
3	118	1050-0132-00	4	0603 1nF, 50 Volt NPO cap	C103,C117,C508,C511	-
3	119	1050-0144-00	2	0603, 1n2F, 5%, X7R cap	C401,C411	-
3	120	1050-0146-00	1	1.0 pF NPO cap, 0603, 50V	C175	-
3	121	1050-0147-00	2	0603, 390pF, 5%, 50V NPO cap	C406,C416	-
3	122	1050-0148-00	2	0603 1800 pF 50V X7R Cap	C404,C414	-

3	123	1050-0150-00	1	0603 5.6 pF,50 Volt NPO cap	C186	-
3	124	1050-0157-00	2	0603 33pF,50V 2%, NPO cap	C348,C473	-
3	125	1050-0158-00	2	0603 22pF,50V 2%, NPO cap	C111,C203	-
3	126	1050-0160-00	1	0603 15pF 50 V 5% NPO cap	C106	-
3	127	1050-0161-00	24	0603 470pF, 50 Volt NPO cap	C19,C173,C177,C179,C257,C261,C265,C267,C273,C283,C342,C345-346,C369,C389,C403,C413,C428,C476,C483,C489,C502,C740,C869	-
3	128	1050-0162-00	6	0603 1nF X7R cap	C234,C400,C421-424	-
3	129	1050-0163-00	5	0603 1500pF 50V X7R Cap	C136,C277,C287,C402,C412	-
3	130	1050-0164-00	2	0603 0.0022uF 50V X7R Cap	C271,C281	-
3	131	1050-0165-00	2	0603 6.8 nF 50V X7R Cap	C275,C285	-
3	132	1050-0167-00	4	0603 18pF 50 V 5% NPO cap	C105,C146,C197,C349	-
3	133	1050-0188-00	5	0603, 6R8pF, 50V, COG cap	C112,C151,C183,C426-427	-
3	134	1050-0189-00	2	0603 47pF 50V COG cap 5%	C134,C524	-
3	135	1050-0191-00	1	1.5 pF +- .25 pF NPO cap, 0603, 50V	C107	-
3	136	1050-0196-00	41	0402, 10nF, X7R, cap, 50V, 10%	C602,C751,C753,C755,C757,C759,C761-764,C768,C770,C772,C774,C781,C783,C785,C787,C789,C791,C793,C795,C797,C799,C801,C803,C821-824,C833-834,C841-849	-
3	137	1050-0229-00	37	.1 uF X7R cap, 0402,16 V	C752,C754,C756,C758,C760,C765,C769,C771,C773,C775,C782,C784,C786,C788,C790,C792,C796,C798,C800,C802,C804,C825-829,C835-836,C850-858	-
3	138	1050-0262-00	1	0603, 39 pF, 5%, 50V NPO cap	C185	-
3	139	1050-0284-00	1	0603 30pF,50V 1%, NPO cap	C153	-
3	140	1050-0325-00	1	CAP CER 2.2PF 250V S 0603 UHI Q	C201	-
3	141	1050-0326-00	2	CAP CER 3.3PF 250V C0G 0603	C125,C127	-
3	142	1050-0328-00	4	CAP CER 4.7 PF 250V S 0603 UHI Q	C149-150,C198,C200	-
3	143	1050-0336-00	6	0603 2.2 uF 16 V X5R cap 10%	C114,C119,C141,C159,C180,C192	-
3	144	1050-0354-00	19	1 UF 50V 10% X7R 0805 CAP CERAMIC	C71,C279,C451,C533,C622,C624,C711,C717,C722,C731,C735,C738,C741,C743,C746,C816-817,C838-839	-
3	145	1050-0361-00	2	0603 3.6 pF NPO cap 50V +/-0.25pf	C391,C393	-
3	146	1050-0364-00	4	Ceramic Chip Trimmer Capacitor, 2.5 - 6.0 pF	C148,C152,C199,C202	-
3	147	1050-0388-00	3	0805 4.7 uF 6.3V X7R	C562,C568-569	-
3	148	1050-0413-00	1	Capacitor, 10pF, C0G, 100V, +/-5%, 0603	C312	-
3	149	1050-0419-00	1	Capacitor, ceramic, 68pF, NPO, 250V, +/-5%, 0805	C189	-
3	150	1052-0002-00	2	Panasonic,PPS Film, 2N7 nF, 50V, 0805	C258,C262	-
3	151	1053-0001-00	1	Capacitor - Polarized, Double Layer, V Term, 1.5F	C719	-
3	152	1053-0002-00	2	Capacitors - Polarized,47uF,EIA-D,CAPEIA-D	C739,C748	-
3	153	1053-0005-00	14	22uF 16V Tn EIA-B Cap Tantalum	C158,C263-264,C266,C276,C286,C292,C531,C581,C584,C621,C733,C815,C837	-

3	154	1053-0006-00	1	330uF 35V Al Cap	C712	-
3	155	1053-0056-00	3	CAP 39UF 25 V Conductive Polymer Aluminum Solid Capacitor 20%	C714,C724,C736	-
3	156	1053-0059-00	2	270 uF 10 V +/- 20% Conductive Polymer Aluminum Solid Cap	C716,C742	-
3	157	1053-0060-00	2	390 uF 6.3 V +/- 20% Conductive Polymer Aluminum Solid Cap	C726,C744	-
3	158	1100-0001-00	11	Ferrite Bead	FB18-21,FB35,FB38-39,FB43-44,FB63-64	-
3	159	1100-0007-00	3	Inductor, 1.0 uH,SMD,5%	L35,L63-64	-
3	160	1100-0013-00	2	Inductor, .082uH,SMD,5%	L135,L216	-
3	161	1100-0019-00	2	Ferrite Bead, 0603	FB26,FB590	-
3	162	1100-0058-00	1	Inductor, .100uH,SMD,5%	L516	-
3	163	1100-0076-00	1	Ferrite Bead	FB31	-
3	164	1100-0079-00	1	Inductor, .068uH,SMD,2%	L134	-
3	165	1100-0086-00	1	Inductor,39 nH,SMD,2%	L106	-
3	166	1100-0094-00	1	Inductor, 1.5 uH,SMD,5%	L515	-
3	167	1100-0095-00	4	Inductor, 150 nH,SMD,5%	L124-125,L128-129	-
3	168	1100-0099-00	2	Inductor, 12 nH,SMD,5%	L348-349	-
3	169	1100-0100-00	1	Inductor, 15 nH,SMD,5%	L472	-
3	170	1100-0101-00	4	Inductor, 47 nH,SMD,5%	L108-109,L473-474	-
3	171	1100-0109-00	2	Power Inductor, Sheilded Toroid, 75 uH	L731,L741	-
3	172	1100-0110-00	1	Power Inductor, Sheilded Toroid, 23 uH	L712	-
3	173	1100-0122-00	1	Inductor, 220 nH,SMD,5%	L154	-
3	174	1100-0162-00	2	Inductor, 220 nH,SMD,5%	L183,L186	-
3	175	1100-0166-00	7	Inductor, 820 nH,SMD,5%	L2-3,L6,L11,L14,L103,L105	-
3	176	1100-0198-00	2	Ferrite Bead	FB91,FB561	-
3	177	1100-0233-00	2	Inductor, 27nH,SMD,5%	L524-525	-
3	178	1100-0234-00	2	Inductor, .033uH,SMD,2%	L426-427	-
3	179	1100-0238-00	5	Inductor, 100 nH, SMD,5%	L107,L123,L126-127,L130	-
3	180	1100-0240-00	3	Inductor, 1.0 mH,SMD,20%	L234-235,L581	-
3	181	1100-0262-00	1	Inductor, 33 nH, Hi Q, SMD,5%	L110	-
3	182	1100-0263-00	1	10.4 nH, Coilcraft 0604HQ Inductor, 5%	L112	-
3	183	1100-0264-00	3	Inductor, 270nH,SMD,5%	L146,L197,L204	-
3	184	1100-0265-00	4	Inductor, 820 nH,SMD,5%	L147,L153,L198,L203	-
3	185	1100-0269-00	1	Inductor,100 UH, 260 mA,SMD, 20%	L8	-
3	186	1100-0284-00	3	Inductor, 120nH, 1812SMS, 1.5A, Q=100, 5%	L111,L138-139	-
3	187	1100-0288-00	3	Inductor, 18 nH, SMD, 2%	L184-185,L189	-
3	188	1200-0004-00	2	Diode, Fast Switching, 350mW	D453,D685	-

3	189	1200-0008-00	3	Diode, LED, 0805, Yellow	D51,D554-555	-
3	190	1200-0009-00	3	Diode, LED, 0805, Red	D859-861	-
3	191	1200-0044-00	6	Dual Schottky Barrier Diode, 40 Volt	D576,D581-582,D717,D864,D866	-
3	192	1200-0049-00	1	BA 591, Band Switching Diode	D104	-
3	193	1200-0060-00	1	Zenner Diode, 5.1 Volt, 200 mW, SOD323	D713	-
3	194	1200-0075-00	3	Diode, LED,Right angle, Yellow	D445,D528-529	-
3	195	1200-0076-00	2	Diode, LED,Right angle, Red	D558,D603	-
3	196	1200-0077-00	2	Diode, LED,Right angle, Orange	D547,D639	-
3	197	1200-0123-00	1	3.0 Amp Surface Mount Schottky Rectifier	D711	-
3	198	1300-0007-00	1	NPN,3904, SOT23	Q451	-
3	199	1300-0013-00	3	PNP, MMBT2907A,General purpose amplifier	Q448,Q458,Q464	-
3	200	1300-0018-00	6	Transistor, N Channel, Logic Level,Enhancement Mode FET	Q334,Q446,Q456,Q462,Q653,Q685	-
3	201	1300-0040-00	1	NPN Silicon Planar High Performance Transistor	Q504	-
3	202	1300-0090-00	1	Field Effect Transistor Silicon N Channel MOS type	Q516	-
3	203	1300-0091-00	1	Transistor Array, Ultra-High Linearity Ultra CMOS Broadband Quad MOSFET Array	U5	-
3	204	1300-0093-00	4	P Channel 2.5V Specified Power Trench MOSFET, - 20Vdss	Q35,Q102,Q590,Q735	-
3	205	1300-0109-00	5	NPN transistor, BFR193, 8GHz, 12V, 80mA, 580mW, SOT-23	Q176,Q214,Q315,Q319,Q394	-
3	206	1400-0003-00	1	Surface mount wide band transformer 1:1	T321	-
3	207	1400-0011-00	2	Surface mount Power Splitter/Combiner	T123,T126	-
3	208	1400-0012-00	2	Surface mount RF Transformer	T216,T219	-
3	209	1400-0013-00	2	Surface mount RF Transformer	T131,T133	-
3	210	1400-0014-00	1	Mini Wideband 1:4 Transformer	T132	-
3	211	1450-0026-00	11	IC, Configurable Multi Function Gate	U82-84,U93-96,U608,U665-666,U860	-
3	212	1450-0028-00	1	IC, SPI Serial EEProms	U78	-
3	213	1450-0037-00	1	IC, Supervisory Circuit, Ultra-low Supply Current & Supply Voltage, 33v	U81	-
3	214	1450-0040-00	1	IC, Linear Regulator, High Input Voltage, Adjustable output, 50mA LDO	U717	-
3	215	1450-0043-00	1	IC, Linear Regulator, Ultra-Low Noise, Low Dropout, 500mA	U746	-
3	216	1450-0069-00	5	IC, Operational Amplifier OPA2340	U48,U50,U52,U54-55	-
3	217	1450-0168-00	1	Clock driver	U40	-
3	218	1450-0190-00	1	Adjustable Voltage Regulator,Low Dropout	U735	-
3	219	1450-0214-00	2	Analog Devices, 200MHz Clock Generator PLL	U38,U43	-

3	220	1450-0215-00	2	Mini Circuits, ERA-3SM,DC-8GHz,Monolithic Amp.	U35,U63	-
3	221	1450-0229-00	1	12 Bit, Dual, UltraLow Glitch, Voltage output, Digital to Analog Converter	U29	-
3	222	1450-0231-00	2	LM4041, 1.2 Volt ref., 1% Tolerance	D27-28	-
3	223	1450-0232-00	2	Single Supply, Rail-to-Rail, Low Cost Instrumentation Amplifier AD623	U49,U53	-
3	224	1450-0237-00	2	AM26LV31,Low-Voltage High-Speed Quadruple differential line drivers	U662,U691	-
3	225	1450-0254-00	2	IC, 4 MBit, Low Voltage, Serial Flash memory with 50 MHz SPI bus interface	U76,U862	-
3	226	1450-0311-00	1	LP38500, Adjustable voltage, Low dropout, Regulator	U741	-
3	227	1450-0376-00	1	LM96000 Hardware Monitor with integrated Fan Control	U582	-
3	228	1450-0396-00	2	3Amp Simple Switcher Power Module with 20 Volt Maximum input voltage.	U714,U724	-
3	229	1450-0397-00	1	50 MHz to 4000 MHz, GaAs pHEMT LOW NOISE MMIC AMPLIFIER	U2	-
3	230	1450-0398-00	4	40MHz- 2600MHz Flat Gain High Linearity Gain Block	U3,U6,U11,U14	-
3	231	1450-0399-00	1	Mini Circuits, Gali51+, Monolithic Amplifier	U64	-
3	232	1450-0409-00	1	Analog Devices, High IP3, 10 MHz to 6 GHz, Active Mixer, ADL5801	U15	-
3	233	1450-0417-00	1	Analog Devices, 6 GHz, Ultra High Dynamic Range Differential Amplifier	U16	-
3	234	1450-0418-00	2	DSP TMS320VC5509A Fixed-Point digital signal processor	U72,U625	-
3	235	1450-0423-00	1	256K X 16 High Speed Asynchronous CMOS Static RAM	U626	-
3	236	1450-0435-00	3	SN74LVC157a, Quadruple 2- line to 1- line data selectors/multiplexers	U92,U631,U861	-
3	237	1450-0436-00	3	IC, buffer, single, active low tri-state, 3.7ns Td @ 3.3V, SOT-23	U633,U635,U863	-
3	238	1450-0439-00	1	MCP1700T-2502E/MB, Lo Quiescent current, 2.5 Volt LDO, 2%	U838	-
3	239	1450-0440-00	1	MCP1700T-1202E/MB, Lo Quiescent current, 1.2 Volt LDO, 2%	U816	-

3	240	1450-0442-00	1	LT6201, 165 MHz, Low noise, Rail-to-Rail Input and Output, Op Amp	U18	-
3	241	1450-0450-00	1	FT4232H Quad High Speed USB to Multipurpose UART/MPSSSE IC	U91	-
3	242	1450-0453-00	1	Stereo Codec, Cirrus CD4272, 24-bit, 192 kHz, 28-pin TSSOP	U19	-
3	243	1450-0455-00	1	IC 1K Microwire Compatible Serial EEPROM 8SOIC	U88	-
3	244	1450-0460-00	4	SN74LVC1G98, Configurable Multi-Function Gate in SOT23-6 pin package.	U1,U90,U578-579	-
3	245	1450-0461-00	1	IC, MIC5207, 180 mA Low-noise LDO Regulator	U731	-
3	246	1450-0481-00	2	IC, differential line receiver, quad, 200mV sensitivity	U663,U692	-
3	247	1450-0498-00	1	IC, octal DAC, 12-bit, internal reference, SPI I/F, 2.7-5.5V	U26	-
3	248	1450-0499-00	1	IC, analog-to-digital converter, differential, 4 ch, 12 bit, ext reference, SPI I/F, 2.7-5.5V	U25	-
3	249	1450-0501-00	1	IC, 1:2 LVPECL buffer, single, 2.5-5.0V, 300pS, IND TEMP, MSOP	U10	-
3	250	1450-0502-00	3	IC, low dropout regulator, ADJ out, 300mA Io, 6Vin max, 320 mV Vdo, 220uA Iq, SOT-223	U8,U71,U622	-
3	251	1450-0503-00	1	IC, UART, quad, 64 byte FIFO, 1.8-5.5V, TQFP-64	U97	-
3	252	1450-0504-00	1	IC, ADL5385, IQ modulator, x2 LO, 30MHz - 2.2GHz, 4.75 - 5.5V	U57	-
3	253	1450-0506-00	1	IC, SN74LVC138A, 3:8 decoder, single, 1.65-3.6V, 6.7nS Tpd @ 3.3V, TSSOP	U98	-
3	254	1450-0510-00	5	IC, LT1678, dual operational amplifier, RRIO, 4mA/ch, 350uV Vos, 20MHz BW, 2.7-36V, SOIC	U20-21,U61,U68,U581	-
3	255	1450-0513-00	1	IC, AT45DB081E, NOR serial FLASH, 8 Mb, SPI I/F, 85 MHz, 1.7 - 3.6V input, SOIC	U77	-
3	256	1450-0514-00	1	Altera EP4CE6F17I7N, 100C , FPGA, Cyclone IV	U602	-
3	257	1450-0515-00	1	IC, LT1719, comparator, 6.5nS Tpd, 3.8 mA Is, 3.5mV Vos, 2.7 - 10.5V Vs, IND, SOIC	U33	-
3	258	1600-0007-00	50	Coil type EMI filter	FL28,FL101,FL251,FL253,FL293,FL295,FL297-298,FL301,FL305-306,FL311,FL378,FL382,FL446,FL456,FL462,FL581-582,FL650-657,FL661-665,FL669-670,FL677,FL682,FL691-699,FL701-704,FL731	-
3	259	1600-0044-00	2	Crystal filter pair, 4 pole, 45.0 MHz	FL149,FL199	-
3	260	1600-0046-00	1	SAW Filter, 173.075 MHz SAW	FL108	C
3	261	1600-0047-00	2	SAW Filter, 173.075MHz, SF5235,SMD	FL124,FL128	C

3	262	1650-0013-00	1	Connector - PCB, Square Header, .025", Dual Row, Straight, 16 Pin	P2	-
3	263	1650-0020-00	1	USB Type B PCB Connector	J1	-
3	264	1650-0043-00	1	Connectors - PCB, D-Sub, Male, Plug,15 Pin	P6	-
3	265	1650-0048-00	3	3M PAK 100 4-wall header, 2X5, low profile	TP73,TP602-603	-
3	266	1650-0052-00	1	4 position, 2mm pitch, AMP CT connector system, Header	P582	-
3	267	1650-0075-00	1	25 position, right angle, PCB mount, D sub Receptacle assembly	J4	-
3	268	1650-0080-00	2	3M, 7X2 low profile,shrouded header, straight, 100 mil pitch, high temp.MSP430FET	TP72,TP625	-
3	269	1650-0088-00	1	Connector - PCB, Single Row, Wafer Asy, Friction Lock, 3 Pin	P717	-
3	270	1650-0149-00	1	Connectors - PCB, D-Sub, Plug,Right Angle, 9 Pin	P8	-
3	271	1650-0177-00	1	3.5 mm Phone Jack, Right angle	J2	-
3	272	1650-0191-00	9	Ultra SmallSurface Mount Coaxial Connector, 1.9 - 2.4 mm Mated Height	TP32,TP38,TP132,TP148,TP189,TP207-208,TP352,TP479	-
3	273	1650-0194-00	1	Double row, 15 pins per row, 1/10 th inch pitch, Right angle, header	J3	-
3	274	1650-0207-00	1	Dual 9 pin D connector, Female over Male, D pin numbering	P9	-
3	275	1650-0211-00	1	Connector, Mini-Universal MATE-N-LOK, right angle PCB mount, 2 pin	P5	-
3	276	1650-0245-00	1	Receptacle, 1x6, Samtec SSQ, 0.1" pitch 0.025" sq post, straight	J603	-
3	277	1650-0246-00	1	SMA jack, thru hole, PCB mount, right angle, 23.5mm body	J16	-
3	278	1700-0025-00	1	Voltage controlled crystal oscillator 14.628571 MHz	Y39	-
3	279	1700-0088-00	1	Voltage controlled Crystal oscillator (VCXO)	Y44	-
3	280	1700-0097-00	1	32.768 KHz Oscillator, Ultra Low Power	Y73	-
3	281	1700-0105-00	1	VCTCXO crystal oscillator, VT803, 10.000000MHz, 200ppb, 500ppb/yr, 5ppm adj, 3.3V, 5.0x3.2mm	Y31	-
3	282	1700-0106-00	1	Oscillator, Si570, 10-810 MHz, 7ppm, 3 ppm/yr, 2.5V, LVPECL, 7.0x5.0 mm	Y9	-
3	283	1700-0107-00	1	Oscillator, SiT8008B, 12.0000 MHz, 50ppm, 3.3V, CMOS, 2.5x2.0mm	Y89	-
3	284	1700-0108-00	1	Oscillator, 14.7456 MHz, 50ppm, 3.3V, CMOS, 2.5x2.0mm	Y99	-

3	285	1700-0109-00	1	Oscillator, SiT8008B, 88.4736 MHz, 50ppm, 3.3V, CMOS, 2.5x2.0mm	Y601	-
3	286	DNI	26	DO NOT INSTALL ITEM	C109-110,C123,C129,C213,C523,C646-647,L495,R145,R147,R153,R155,R195,R197,R204,R206,R246,R248,R310,R345,R351,R369,R515-516,S3	-
3	287	2101-0315-09	1	PCB, Controller Transceiver Module	CARD1	1
3	288	2100-0315-09SC	0	SCH, Controller Transceiver Module		1.1
2	2	2100-0347-02	1	PCBA, Beaglebone Black Carrier Bd		1.1
3	1	1050-0354-00	2	1 UF 50V 10% X7R 0805 CAP CERAMIC	C1,C101	-
3	2	1053-0060-00	1	390 uF 6.3 V +/- 20% Conductive Polymer Aluminum Solid Cap	C102	-
3	3	1650-0195-00	1	Double row, Post Header, 15 pins per row, 1/10 th inch pitch, Right angle, header	P3	-
3	4	2200-0017-00	1	Processor module Connector Set, CTM Beaglebone Black	P1	-
4	1	2200-0016-00	0	Processor Module, Beaglebone Black, 8GB, Industrial Temp		-
4	2	1650-0240-00	2	Header, 2x23, Samtec TSW, 0.1" pitch, 0.025" sq x 0.53" post, straight		-
3	5	DNI	1	DO NOT INSTALL ITEM	TP3	-
3	6	2101-0347-02	1	PCB, Beaglebone Black Carrier Bd	CARD1	1
3	7	2100-0347-02SC	0	SCH, Beaglebone Black Carrier Bd		1
2	3	0030-0170-00	1	Cover, Back, Housing, CTM		5
2	4	0030-0171-00	1	Cover, Top, Housing, CTM		3
2	5	0030-0172-00	1	Cover, Front, Housing, CTM		6
2	6	0030-0173-00	1	Bottom, Housing, CTM		6
2	7	0030-0174-00	1	Plate, Fascia, CTM		4
2	8	2200-0016-00	1	Processor Module, Beaglebone Black, 8GB, Industrial Temp		-
2	10	0008-0312-00	14	Thermal Gap Pad, 0.470" x 0.75" x 0.75"		-
2	22	0007-0027-00	30	Flat Washer, 18-8 Stainless Steel, #8		-
2	23	0007-0031-00	30	Split Lock Washer, 18-8 Stainless Steel, #8		-
2	24	0007-0033-00	22	Split Lock Washer, Narrow, 18-8 Stainless Steel, #4		-
2	26	0007-0036-00	22	Flat Washer, Narrow, 18-8 Stainless Steel, #4		-
2	27	0007-0038-00	2	Lock washer, BNC, Internal tooth, 0.500 I.D. x 0.625 O.D.		-
2	35	0005-0019-00	2	Hex Nut, 14mm A/F; 2.5mm height		-

2	36	0005-0028-00	6	Nut, With Serated Lock Washer, 18-8 Stainless Steel, 4-40		-
2	45	0004-0081-00	6	Machine Screw, Button Head, 18-8 Stainless Steel, 8-32 x 1/2		-
2	46	0004-0082-00	24	Machine Screw, Button Head, 18-8 Stainless Steel, 8-32 x 3/8		-
2	47	0004-0083-00	22	Machine Screw, Socket Head, Stainless Steel 18-8, 4-40 x 3/8"		-
2	48	0004-0087-00	10	Jack Screw, Male-Female, Stainless Steel 18-8 , 4-40 x 1/4"		-
2	60	0001-0253-00	1	Cable, Shielded RJ45 to RJ45 Panel Mount, 12" Length		-
2	61	0001-0229-00	1	Cable, USB-A to USB-A Panel Mount, 6" Length		-
2	62	0001-0230-00	1	Cable, USB-B mini to USB-B mini panel mount, 20" Length		-
2	63	0008-0015-00	7	Tie-Wrap 4"		-
2	64	0008-0021-00	4	Adhesive Cable Tie Mount		-
2	65	0004-0091-00	4	Standoff, SS, M-f, 3/16 Hex X 3/4 long		-
2	66	0015-0013-00	0.43	Gasket, EMI, Polyurethane Foam, C shape, 0.280 wide		-
2	75	2004-0017-AD	0	Assy DWG, CTM Assembly, RTU5		4
2	76	0100-0145-00	1	Label Kit, RTU5		2
3	1	9005-0161-00	0	Unit Labeling Specification, RTU5		1
3	2	0009-0135-00	1	Label, Blank 69mm x 24.5mm 2mil White Polyester		-
1	4	0053-0009-00	1	Loads, 500hm, 250 Watts		-
1	5	0055-0007-00	1	Bandpass Sngl Cavity w/ Adj Coupler, 148-174 MHz		B
2	1	0055-0007-TP	0	Resonant Cavity, Test & Adj Procedure		C
2	2	0065-0306-AI	0	Bandpass Cavity Filter Assembly Procedure		B
1	9	2001-0027-00	1	CPS Power Distribution Panel IEC-320		A
2	1	2001-0034-00	1	Rack Mount Controller IEC-320 Main Module		A
2	2	2001-0035-00	1	Rack Mount controller IEC-320 Expansion Module		A
1	10	2001-0040-00	1	Power Supply, 1000 Watt, 48V		-
1	11	2001-0041-00	1	Power Supply, 100Watt, 12 VDC		-
1	12	2002-0089-00	1	Acutime 360, GNSS Smart unprogrammed GPS Receiver		-
1	13	1100-0289-00	1	FERRITE CORE, 260 OHM, HINGED, 13MM		-
1	14	1100-0291-00	5	FERRITE CORE, 220 OHM, HINGED		-
1	15	0001-0227-00	1	Cable, 1ft DB25 M_F Serial RS232 Extension	W10	-

1	16	0001-0149-00	2	Cable, N-m/N-m, LMR240, 12"	W6,W7	-
1	17	1600-0054-00	1	Filter, 1 Phase Line		-
1	18	0008-0180-00	3	Terminal, Female, Quick Disconnect, 0.25"x.032", Red		-
1	19	0008-0287-00	3	22-18AWG Spade Terminal		-
1	20	0003-0056-00	AR	Wire, Brown, 16 AWG, UL1015, 600 VAC		-
1	21	0003-0057-00	AR	Wire, Blue, 16 AWG, UL1015, 600 VAC		-
1	22	0003-0036-00	AR	18 AWG, UL1015, 600 VAC, Green/Yellow, Ground Wire		-
1	28	0100-0144-00	1	Lightning Arrestor Assy, RTU5		2
2	1	0010-0038-00	1	Panel, Lightning Arrestor, RTU5		3
2	2	0008-0013-00	1	Copper Lug, Single Barrel, 2 hole, offset tongue		-
2	3	0070-0029-00	2	MSC, Data Line Protector		A
2	4	0008-0314-00	2	Bar, Insulator, Lightning Arrestor, RTU5		3
2	5	0008-0120-00	5	Lug, Grounding		-
2	6	0070-0036-00	1	Surge Protector, 2KW, Type N-F		-
2	7	0001-0244-00	2	Cable, Ground, Yellow/Green, 4.5in, 12AWG #10 lug	W19,W21	1
3	1	0008-0012-00	2	Ring Terminal 16-12 AWG, #10 Stud Size		-
3	2	0003-0005-00	4.5	Wire, Ground, Yellow/Green		-
2	10	0005-0031-00	1	Nut, Serated Flange Locknut, 18-8 Stainless Steel, 1/4"-20		-
2	14	0070-0014-00	1	Protection, Network Surge		-
2	15	0008-0288-00	AR	Oxide Inhibitor 8oz Squeeze Bottle		-
2	16	0007-0040-00	13	Flat Washer, Narrow, 18-8 Stainless Steel, #10		-
2	17	0007-0039-00	13	Split Lock Washer, Narrow, 18-8 Stainless Steel, #10		-
2	18	0007-0031-00	4	Split Lock Washer, 18-8 Stainless Steel, #8		-
2	19	0007-0027-00	4	Flat Washer, 18-8 Stainless Steel, #8		-
2	20	0004-0081-00	4	Machine Screw, Button Head, 18-8 Stainless Steel, 8-32 x 1/2		-
2	21	0005-0032-00	4	Nut, Hex, 18-8 SS, 10-24		-
2	22	0004-0089-00	4	Machine Screw, Socket Head, Stainless Steel 18-8, 10-24 x 1"		-
2	23	0008-0320-00	2	Tie-Wrap, Black 6"		-
2	24	0004-0090-00	9	Machine Screw, Serated Flange Hex Head, 18-8 Stainless Steel, 10-24 x 1/2"		-
2	25	0100-0144-AD	0	Assy Dwg, Lightning Arrestor Assy, RTU5		2
1	29	0010-0039-00	1	Plate, Mount, Vib, PA600, CTM, RTU5		4
1	30	0011-0035-00	1	Bracket, QR Adapter, PA600		4

1	31	0011-0036-00	1	Bracket, QR Adapter, CTM		4
1	32	0010-0040-00	1	Plate, Mount, 48V Pwr, Supply		3
1	33	0010-0041-00	1	Plate, Mount, 12V Pwr, Supply		2
1	34	0011-0037-00	1	Bracket, Mount, Circulator		3
1	35	0010-0042-00	1	Plate, Mount, Load Cell		4
1	36	0008-0315-00	12	Bushing, AV, Washer, .45"ID x 1"OD x .19"Thick, SORB		-
1	37	0008-0316-00	12	Bushing, AV, 13-22 lbs, .25"ID x 1"OD x .60"Thick, SORB		-
1	48	0011-0041-00	1	Bracket, Tailbar, Support		2
1	49	0011-0019-00	2	Worm Drive Clamp, 1/2" Band 4-6"		-
1	51	0001-0236-00	1	Cable, GPS RTU5 48in	W2	2
2	1	0001-0142-00	1	Cable, GPS Data, for MBS		-
2	2	0008-0321-00	8	Terminal, Crimp, Spade, #6, 24-26AWG		-
1	52	0001-0237-00	1	Cable, RTU5 Reboot CPS 54in	W3	1
2	1	0001-0142-00	1	Cable, GPS Data, for MBS		-
2	2	0052-0109-00	1	Connector, Crimp Housing, MATE-N-LOK 3 pos.		-
2	3	0052-0110-00	2	Contact, Crimp Female, MATE-N-LOK 18-24 AWG		-
1	53	0001-0242-00	1	Cable, DC out, RTU5, 12VDC Power Supply 30in	W5	1
2	1	0052-0107-00	1	Connector, Crimp Housing, Female, Friction Ramp, 8 circuit		-
2	2	0052-0108-00	2	Contact, Crimp Terminal 5194, 18-24 AWG		-
2	3	0052-0113-00	1	Connector, Crimp Housing, Mate N Lok, 2 circuit		-
2	4	0052-0114-00	2	Contact, Crimp Female, MATE-N-LOK 16-20 AWG		-
2	5	0003-0054-00	30	Wire, 2 conductor zip cord, 18 AWG, Black/Red PVC		-
1	54	0001-0241-00	1	Cable, AC, IEC60320, RTU5, 48VDC Power Supply 51in	W12	2
2	1	0008-0180-00	3	Terminal, Female, Quick Disconnect, 0.25"x.032", Red		-
2	2	0001-0251-00	1	Cable, IEC60320 C13, Male, pigtail, 9.8ft		-
1	55	0001-0240-00	1	Cable, AC, IEC60320, RTU5, 12VDC Power Supply 36in	W11	1
2	1	0052-0106-00	1	Connector, Crimp Housing, Female, Friction Ramp, 3 circuit		-
2	2	0052-0108-00	2	Contact, Crimp Terminal 5194, 18-24 AWG		-
2	3	0008-0180-00	1	Terminal, Female, Quick Disconnect, 0.25"x.032", Red		-
2	4	0001-0251-00	1	Cable, IEC60320 C13, Male, pigtail, 9.8ft		-

1	56	0001-0205-00	1	Power Cord, NEMA5-15P to IEC-C13 15 Amp 25 Ft	W13	-
1	57	0001-0243-00	1	Cable, DC out, RTU5, 48VDC Power Supply 30in	W14	1
2	1	0052-0115-00	1	Connector, PowerMod, 3 circuit Cable Connector with Clamshell		-
2	2	0052-0116-00	2	Male Crimp Contacts Pins, AWG 12		-
2	3	0008-0287-00	2	22-18AWG Spade Terminal		-
2	4	0003-0055-00	30	Wire, 2 conductor zip cord, 14 AWG, Black/Red PVC		-
1	58	0001-0231-00	1	Cable, Ground, Yellow/Green, 17in, 12AWG #10 lug	W20	1
2	1	0003-0005-00	17	Wire, Ground, Yellow/Green		-
2	2	0008-0012-00	1	Ring Terminal 16-12 AWG, #10 Stud Size		-
1	59	0001-0232-00	1	Cable, Ground, Yellow/Green, 12in, 12AWG #10 lug	W31	1
2	1	0003-0005-00	12	Wire, Ground, Yellow/Green		-
2	2	0008-0012-00	1	Ring Terminal 16-12 AWG, #10 Stud Size		-
1	60	0001-0233-00	1	Cable, Ground, Yellow/Green, 53in, 12AWG #6 lug	W22	1
2	1	0003-0005-00	53	Wire, Ground, Yellow/Green		-
2	2	0008-0161-00	1	Spade Terminal, 12-10 SEG, #6 Stud		-
1	61	0001-0234-00	1	Cable, Ground, Yellow/Green, 18in, 12AWG #10 lug	W23	1
2	1	0003-0005-00	18	Wire, Ground, Yellow/Green		-
2	2	0008-0012-00	1	Ring Terminal 16-12 AWG, #10 Stud Size		-
1	62	0001-0235-00	1	Cable, Ground, Yellow/Green, 21in, 12AWG #10 lug	W24	1
2	1	0003-0005-00	21	Wire, Ground, Yellow/Green		-
2	2	0008-0012-00	1	Ring Terminal 16-12 AWG, #10 Stud Size		-
1	63	0001-0255-00	1	Cable, 6 Patch, Shielded, RJ45 to RJ45, 3Ft	W25	-
1	64	0001-0230-00	1	Cable, USB-B mini to USB-B mini panel mount, 20" Length	W26	-
1	65	0001-0228-00	1	Cable, RJ45 to RJ45 Panel Mount, 12" Length	W27	-
1	66	0001-0229-00	1	Cable, USB-A to USB-A Panel Mount, 6" Length	W28	-
1	67	0001-0003-00	1	50 FT Acutime 2000 Interface Cable	W29	-
1	68	0001-0254-00	1	Cable, 6 Patch, Shielded, RJ45 to RJ45, 2Ft	W30	-
1	69	0050-0001-00	1	N Male to N Male Barrel Adaptor		-
1	71	0001-0247-00	1	Cable, Coax, N-male to N-male, 22in	W15	2
2	1	0001-0252-00	22	Cable, Coaxial, RG-8/U, Ultraflex		-
2	2	0052-0117-00	2	Connector, Type N, Male, LMR400		-
1	72	0001-0248-00	1	Cable, Coax, N-male to N-male, 45in	W16	2
2	1	0001-0252-00	45	Cable, Coaxial, RG-8/U, Ultraflex		-
2	2	0052-0117-00	2	Connector, Type N, Male, LMR400		-
1	73	0001-0249-00	1	Cable, Coax, N-male to N-male, 37in	W17	2
2	1	0001-0252-00	37	Cable, Coaxial, RG-8/U, Ultraflex		-

2	2	0052-0117-00	2	Connector, Type N, Male, LMR400		-
1	74	0001-0250-00	2	Cable, Coax, N-male to N-male, 31in	W18,W32	2
2	1	0001-0252-00	31	Cable, Coaxial, RG-8/U, Ultraflex		-
2	2	0052-0117-00	2	Connector, Type N, Male, LMR400		-
1	75	0004-0088-00	4	Screw, Socket Head, Stainless Steel 18-8 #10-24 x 3/4"		-
1	76	0007-0039-00	4	Split Lock Washer, Narrow, 18-8 Stainless Steel, #10		-
1	77	0007-0040-00	4	Flat Washer, Narrow, 18-8 Stainless Steel, #10		-
1	78	0004-0084-00	6	Machine Screw, Socket Head, 18-8 Stainless Steel, 10-24 x 1/2"		-
1	79	0007-0034-00	6	Split Lock Washer, 18-8 Stainless Steel, #10		-
1	80	0007-0032-00	6	Flat Washer, 18-8 Stainless Steel, #10		-
1	81	0005-0029-00	2	Nut, Serated Flange Locknut, 18-8 Stainless Steel, 10-32		-
1	89	0100-0145-00	1	Label Kit, RTU5		2
2	1	9005-0161-00	0	Unit Labeling Specification, RTU5		1
2	2	0009-0135-00	1	Label, Blank 69mm x 24.5mm 2mil White Polyester		-
1	90	4001-0041-01AD	0	Assy Dwg, RTU5, Indoor, US		-
1	91	4001-0041-WD	0	Wiring Diagram, RTU5		4
1	95	3001-0008-00	1	Cabinet, Indoor, RTU5		4