

Parts List

513300-0031R

ASSY,AM1810 EVM
SUBA

Type	PL	PCB Package	
Revision	C	ION Footprint	
Status	U	Package Qty	1
Date	11/4/2010	Bin Loc.	
By		Avg Cost	SUBA

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		ION Footprint		Mfr P/N	Mfr Name
1	1 each	513301-0001R	DWG B	PWB,AM1808 EVM CSTM	
2	1 each	513302-0001	DOC B	LOGIC,AM1808 EVM SCH	
3	1 each	102235-0001R	PS	IC,SO8,SERIAL EEPROM,256K-BIT MATL	U2
		so8-25x75-295		CAT24C256WI-GT3	Catalyst Semiconductor, Inc.
4	1 each	100837-0001R	PS	IC,SOIC,SERIAL EEPROM,3 WIRE MATL	U17
		so8-25x75		AT93C46DN-SH-T	Atmel Corporation
5	1 each	103574-0002R	PS	IC,BGA361,ARM 9 SYSTEM-ON-CHIP,PG2.0,REV MATL	U23
				AM1810BZWTA3	Texas Instruments
6	1 each	102085-0030R	PS	IC,BGA84/92,DDR2 SDRAM,1G,3nS MATL	U35
		BGA92-13P8-MICRON		MT47H64M16HR-3:H	Micron Technology, Inc.
7	1 each	102693-0001R	PS	IC,TSSOP56,74CBTLV16212,LOW VOLTAGE, MATL	U21
		dgg56-12x80		SN74CBTLV16212GR	Texas Instruments
8	2 each	103281-0245R	PS	IC,TSSOP48,3.3V,16-BIT TRANSCEIVER MATL	U29, U36
		dgg48-12x80		SN74AVC16T245DGGR	Texas Instruments
9	1 each	103164-0001R	PS	IC,TSSOP20,RS-232 TRANSCEIVER MATL	U7
		pw20-14x70		TRS3386ECPWR	Texas Instruments
10	1 each	103163-0001R	PS	IC,TSOP24,16-BIT I2C I/O EXPANDER MATL	U34
		pw24-14x70		TCA6416PW	Texas Instruments
11	7 each	103203-0001R	PS	IC,SOT23-8,CURRENT/VOLTAGE MONITOR MATL	U13, U14, U15, U16, U22, U33, U38
		SOT23-8_DCN		INA219AIDCN	Texas Instruments
12	1 each	102156-0001R	PS	IC,SO6,SINGLE-BIT DUAL-SUPPLY BUS MATL	U9
		DCK-17X60-6		SN74AVC1T45DCKR	Texas Instruments

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16	3 each	101057-0125R	PS	IC,SO5,SINGLE BUS BUFFER GATE MATL	U24, U40, U8
		dck-5		SN74LVC1G125DCKR	Texas Instruments
17	1 each	102636-0001R	PS	IC,SO5,REGULATOR,LOW MATL	U18
		sot23-20x60-5		TPS79901DDCR	Texas Instruments
18	1 each	103255-0001R	PS	IC,SO5,DUAL VOLTAGE MONITOR MATL	U32
		dck-5		TPS3805H33DCKR	Texas Instruments
19	1 each	103165-0001R	PS	IC,SO16,SERIAL FLASH MEMORY,QUAD I/O,64 MATL	U1
		so16-25x75-300		W25Q64BVSFIG	Winbond Electronics Corp.
20	3 each	102408-0001R	PS	IC,SO16,4-BIT DUAL SUPPLY BUS MATL	U25, U30, U5
		tssop16-14x70		SN74AVC4T245PWR	Texas Instruments
21	3 each	102728-0001R	PS	IC,SMT,ESD PROTECTION MATL	U42, U43, U6
		drl5-12x40		TPD2E001DRLR	Texas Instruments
22	1 each	103172-0001R	PS	IC,QFP64,DUAL USB UART MATL	U10
		PQFP64PM		FT2232HL	Future Technology Devices International Limited
23	1 each	103174-0001R	PS	IC,QFP44,CPLD,32 MACROCELLS MATL	U19
		TQFP44		XC2C32A-6VQG44C	Xilinx
24	1 each	103162-0001R	PS	IC,QFN48,POWER MANAGEMENT MATL	U31
		rsl48-8x33		TPS65070RSL	Texas Instruments
25	1 each	103246-0001R	PS	IC,QFN32,10/100 ETHERNET TRANSCEIVER MATL	U20
		qfn32_5x5		LAN8710AI-EZK	SMSC
26	1 each	102800-0001R	PS	IC,PQFP,STEREO AUDIO CODEC,LOW POWER MATL	U12
		rgz48-11x34		TLV320AIC3106IRGZT	Texas Instruments
27	1 each	103306-0001R	PS	IC,MSOP8,DUAL CURRENT-LIMITED MATL	U41
		dgn8-16x60-pad		TPS2042BDGN	Texas Instruments
30	1 each	102020-0009R	PS	IC,DBV6,SUPERVISORY CIRCUIT,.9V MATL	U28
		DBV6-27X39-6		TPS3808G09DBVR	Texas Instruments

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31	1 each	101722-0033R	PS	IC,DBV5,LINEAR REGULATOR,3.3V MATL	U11
		dbv-20x60-5		TPS79333DBVR	Texas Instruments
32	2 each	101670-0001R	PS	IC,QSOP16,LOW VOLTAGE,QUAD 2:1 MATL	U45, U46
		tssop16-14x70		SN74CBTLV3257PWR	Texas Instruments
33	1 each	101057-0002R	PS	IC,SO5,SINGLE NOR-GATE MATL	U47
		dck-5		SN74LVC1G02DCKR	Texas Instruments
34	1 each	101057-0004R	PS	IC,SO5,SINGLE INVERTER GATE MATL	U48
		dck-5		SN74LVC1G04DCKR	Texas Instruments
40	1 each	102922-0100R	PS	OSC,SMT,100MHz,3.3V MATL	U27
		xtal6-71sq-ccltd		CCLD-033-50-100.000	Crystek Corporation
41	1 each	102201-2457R	PS	OSC,SMT,24.576 MHZ,3.3V MATL	Y2
		xtal4-70x78-ctx		CSX750FBC24.576000M-UT	Citizen America Corporation
45	1 each	101590-0120R	PS	CRYSTAL,SMT,6mm,12 MHZ MATL	Y1
		xtal2-75x94		ABM7-12.000MHZ-D2Y-T	Abracon
46	1 each	103274-0025R	PS	CRYSTAL,SMT,4 PIN,25MHZ MATL	Y3
		xtal4-47x51-ecx32		ECS-250-20-33-TR	ECS
47	1 each	102883-0032R	PS	CRYSTAL,SMT,32.768kHz MATL	Y4
		xtal4-23x47-ssp-t7		SSPT7F-12.5PF20PPM	Seiko Instruments USA, Inc.
48	1 each	101590-0240R	PS	CRYSTAL,SMT,6mm,24 MHZ MATL	Y5
		xtal2-75x94		ABM7-24.000MHZ-D2Y-T	Abracon
55	2 each	103110-0001R	PS	DIODE,SMT,SCHOTTKY RECTIFIER,3A,40V MATL	D5, D6
		sma2-78sq		MBRA340T3G	ON Semiconductor
60	3 each	103311-0001R	PS	LED,SMT 0805,GREEN MATL	D2, D3, D4
		led2-47sq		LTST-C170GKT	LITEON
61	1 each	100823-0001R	PS	LED,SMT 1206,GREEN MATL	DS1
		led1206-59x59		LTST-C150GKT	LITEON

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71	9 each	100680-0001R SOT23-28X44-GSD	PS	TRANSISTOR,SOT23,MOSFET,N-CHANNEL,BSS1 MATL BSS138TA	Q1, Q10, Q11, Q2, Q3, Q4, Q6, Q8, Q9 Zetex, Inc.
80	3 each	102747-0220R ind_vlcf	PS	INDUCTOR,SMT,2.2uH,+/-30% MATL VLCF4020T-2R2N1R7	L3, L5, L6 TDK Corporation
85	1 each	101858-1002R I603-35x45	PS	FERRITE BEAD,SMT 0603,1K OHM MATL BLM18AG102SN1D	L4 Murata Electronics
86	6 each	101228-2201R I805-35x60	PS	FERRITE BEAD,SMT 0805,220 OHMS MATL BLM21PG221SN1D	L1, L10, L11, L7, L8, L9 Murata Electronics
87	1 each	102870-5001R emi-blm31p-40x70	PS	FERRITE BEAD,SMT 1206,50 OHMS MATL BLM31PG500SN1L	L2 Murata Electronics
88	7 each	102569-1470R emi-NFM21p	PS	FILTER,SMT 0805,EMI,.47uF,16V MATL NFM21PC474R1C3D	E1, E2, E3, E4, E5, E6, E7 Murata Electronics
100	4 each	103119-0222R c6032-95sq	PS	CAP,TANT,SMT 2312,220uF,6.3V,10% MATL TAJC227K006RNJ	C16, C211, C242, C6 AVX Corporation
105	3 each	100396-0221R c3528-64x112	PS	CAP,TANT,SMT 1311,22uF,6.3V MATL T491B226K006AT	C138, C209, C44 Kemet Electronics Corporation
110	8 each	101953-0331R c1206-40x70p	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR MATL TPSA336K006R0600	C21, C212, C22, C23, C25, C48, C52, C53 AVX Corporation
111	10 each	101003-0101R c1206-40x70-POL	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL T491A106M006AT	C19, C191, C200, C210, C235, C24, C30, C4, C49, C74 Kemet Electronics Corporation
112	4 each	101064-0221R C1206-40X70	PS	CAP,CER,SMT 1206,22uF,10V MATL LMK316F226ZL-T	C34, C39, C64, C73 Taiyo Yuden
115	4 each	101205-0470R c805-35x60	PS	CAP,CER,SMT 0805,4.7uF,10V,X5R,+/-10% MATL C0805C475K8PACTU	C117, C118, C124, C255 Kemet Electronics Corporation
116	4 each	102590-0470R c603-35x45	PS	CAP,CER,SMT 0603,4.7uF,6.3V,X5R,+/-20% MATL ECJ-1VB0J475M	C247, C250, C251, C253 Panasonic

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117	2 each	101103-1274R c603-35x45	PS	CAP,CER,SMT 0603,27pF,50V,+/-5%,NPO MATL	C14, C8 C1608C0G1H270J TDK Corporation
118	1 each	101002-1224R c603-35x45	PS	CAP,CER,SMT 0603,22pF,50V,+/-5%,NPO MATL	C37 ECJ-1VC1H220J Panasonic
119	8 each	101007-0220R c603-35x45	PS	CAP,CER,SMT 0603,2.2uF,6.3V,X5R,+/-10% MATL	C125, C18, C20, C221, C26, C54, C60, C61 GRM188R60J225KE19D Murata Electronics
120	12 each	101007-0100R c603-35x45	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% MATL	C128, C220, C222, C40, C58, C62, C63, C65, C72, C75, C81, C92 GRM188R60J105KA01D Murata Electronics
121	2 each	101103-1184R c603-35x45	PS	CAP,CER,SMT 0603,18pF,50V,+/-5%,NPO MATL	C31, C33 ECJ-1VC1H180J Panasonic
122	4 each	101007-1470R c603-35x45	PS	CAP,CER,SMT 0603,.47uF,6.3V,X5R,+/-10% MATL	C1, C2, C3, C5 ECJ-1VB0J474K Panasonic
123	1 each	101005-1220R c603-35x45	PS	CAP,CER,SMT 0603,.22uF,10V,+/-10%,X5R MATL	C158 GRM188R61A224KA01D Murata Electronics
125	5 each	101587-5601R c402-25	PS	CAP,CER,SMT 0402,560pF,25V,+/-10%,X7R MATL	C189, C229, C236, C238, C240 C0402C561K5RAC Kemet Electronics Corporation
126	1 each	101782-1565R c402-25	PS	CAP,CER,SMT 0402,5.6pF,50V,+/-0.25pF,NPO MATL	C136 GJM1555C1H5R6CB01D Murata Electronics
127	4 each	101782-1334R c402-25	PS	CAP,CER,SMT 0402,33pF,50V,+/-5%,NPO MATL	C27, C28, C29, C46 C0402C330J5GAC Kemet Electronics Corporation

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128	146 each	101587-1100R	PS	CAP,CER,SMT 0402, .1uF,10V,+/-10%,X5R MATL	C10, C101, C102, C103, C106, C107, C108, C109, C11, C110, C111, C112, C113, C114, C115, C116, C12, C120, C123, C126, C127, C129, C13, C130, C131, C132, C133, C134, C135, C137, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C15, C150, C151, C152, C153, C154, C155, C156, C157, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C181, C182, C183, C184, C185, C186, C187, C188, C192, C193, C194, C195, C197, C198, C199, C201, C202, C203, C204, C205, C206, C207, C208, C213, C214, C215, C216, C218, C219, C224, C225, C226, C227, C228, C230, C233, C234, C237, C239, C241, C243, C244, C245, C246, C248, C249, C252, C254, C256, C257, C258, C259, C32, C35, C36, C41, C42, C43, C45, C47, C50, C51, C56, C59, C67, C7, C70, C77, C79, C83, C85, C87, C9, C94, C99
		c402-25		C0402C104K8PACTU	Kemet Electronics Corporation
129	13 each	101587-1101R	PS	CAP,CER,SMT 0402, .01uF,16V,+/-10%,X7R MATL	C104, C105, C119, C121, C122, C190, C38, C57, C66, C71, C76, C82, C93
		c402-25		C0402C103K4RAC	Kemet Electronics Corporation

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		ION Footprint		Mfr P/N	Mfr Name
130	10 each	102058-1102R	PS	CAP,CER,SMT 0402, .001uF,50V,+/-10%,X7R MATL	C196, C217, C231, C232, C55, C68, C69, C78, C84, C95 Kemet Electronics Corporation
		c402-25		C0402C102K5RAC	
140	1 each	101069-1000R	PS	RES,NETWORK,SMT,16 PIN,8 RES,10 MATL	RN9 Panasonic
		rpak16-10x25-2hv		EXB-2HV100JV	
141	2 each	101069-2200R	PS	RES,NETWORK,SMT,16 PIN,8 RES,22 MATL	RN7, RN8 Panasonic
		rpak16-10x25-2hv		EXB-2HV220JV	
142	10 each	101327-2200R	PS	RES,NETWORK,SMT,8 PIN,4 RES,22 MATL	RN1, RN10, RN11, RN12, RN13, RN2, RN3, RN4, RN5, RN6 Panasonic
		rpak8-10x25-28v		EXB-28V220JX	
145	39 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL	R109, R117, R125, R128, R139, R141, R142, R160, R161, R209, R222, R244, R246, R248, R254, R256, R257, R258, R26, R262, R263, R264, R278, R279, R280, R283, R29, R291, R306, R309, R328, R63, R64, R73, R76, R78, R96, R336, R338 Yageo
		r402-25		RC0402JR-070RL	
146	3 each	101370-1000R	PS	RES,SMT 0402,10 OHM,5%,1/16 WATT MATL	R282, R90, R93 Yageo
		r402-25		RC0402JR-0710RL	

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147	71 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL	R1, R103, R104, R106, R134, R135, R136, R137, R140, R143, R151, R152, R153, R154, R155, R156, R157, R158, R166, R167, R168, R169, R170, R171, R182, R183, R184, R185, R186, R187, R196, R197, R198, R202, R215, R229, R231, R235, R240, R243, R252, R255, R259, R261, R267, R268, R272, R277, R281, R3, R307, R317, R318, R319, R32, R320, R321, R322, R323, R324, R62, R67, R8, R82, R83, R9, R98, R99, R335, R340, R339
		r402-25		RC0402JR-0710KL	Yageo
148	2 each	101370-1503R	PS	RES,SMT 0402,15K OHM,5%,1/16 WATT MATL	R68, R70
		r402-25		RC0402JR-0715KL	Yageo
150	2 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R102, R44
		r402-25		RC0402JR-071KL	Yageo
151	4 each	101370-2202R	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT MATL	R172, R181, R20, R21
		r402-25		RC0402JR-072K2L	Yageo
152	44 each	101370-2200R	PS	RES,SMT 0402,22 OHM,5%,1/16 WATT MATL	R105, R110, R119, R123, R13, R15, R16, R17, R18, R188, R19, R190, R191, R192, R193, R199, R200, R201, R203, R204, R205, R206, R207, R208, R210, R218, R219, R221, R225, R228, R230, R234, R237, R239, R241, R245, R247, R269, R84, R85, R86, R87, R88, R89
		r402-25		RC0402JR-0722RL	Yageo
153	10 each	101370-2002R	PS	RES,SMT 0402,2K,5%,1/16 WATT MATL	R11, R12, R174, R189, R195, R223, R224, R226, R43, R52
		r402-25		RC0402JR-072KL	Yageo

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154	6 each	101370-3300R r402-25	PS	RES,SMT 0402,33 OHM,5%,1/16 WATT MATL	R238, R265, R266, R273, R274, R65 RC0402JR-0733RL Yageo
155	4 each	101370-4702R r402-25	PS	RES,SMT 0402,4.7K OHM,5%,1/16 WATT MATL	R100, R108, R59, R60 RC0402JR-074K7L Yageo
156	7 each	101370-4700R r402-25	PS	RES,SMT 0402,47 OHM,5%,1/16 WATT MATL	R34, R45, R46, R47, R48, R49, R50 RC0402JR-0747RL Yageo
157	3 each	101370-4701R r402-25	PS	RES,SMT 0402,470 OHM,5%,1/16 WATT MATL	R35, R37, R38 RC0402JR-07470RL Yageo
158	1 each	101370-4703R r402-25	PS	RES,SMT 0402,47K OHM,5%,1/16 WATT MATL	R327 RC0402JR-0747KL Yageo
159	8 each	101370-5103R r402-25	PS	RES,SMT 0402,51K OHM,5%,1/16 WATT MATL	R133, R173, R175, R176, R177, R178, R179, R180 ERJ-2GEJ513X Panasonic
170	2 each	102145-1000R r402-25	PS	RES,SMT 0402,10 OHM,1%,1/16 WATT MATL	R211, R236 RC0402FR-0710RL Yageo
171	1 each	102145-1003R r402-25	PS	RES,SMT 0402,10K,1%,1/16 WATT MATL	R71 RC0402FR-0710KL Yageo
172	2 each	102145-1504R r402-25	PS	RES,SMT 0402,150K OHM,1%,1/16 WATT MATL	R74, R75 ERJ-2RKF1503X Panasonic
173	3 each	102145-1002R r402-25	PS	RES,SMT 0402,1K,1%,1/16 WATT MATL	R284, R285, R286 RC0402FR-071KL Yageo
174	2 each	102145-2490R r402-25	PS	RES,SMT 0402,24.9 OHM,1%,1/16 WATT MATL	R250, R253 ERJ-2RKF24R9X Panasonic
175	1 each	102145-3014R r402-25	PS	RES,SMT 0402,301K,1%,1/16 WATT MATL	R80 ERJ-2RKF3013X Panasonic
176	1 each	102145-9091R r402-25	PS	RES,SMT 0402,909 OHM,1%,1/16 WATT MATL	R92 ERJ-2RKF9090X Panasonic

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177	1 each	102145-7502R	PS	RES,SMT 0402,7.5K,1%,1/16 WATT MATL	R72
		r402-25		RC0402FR-077K5L	Yageo
180	22 each	100687-1002R	PS	RES,SMT 0603,1K OHM,5%,1/16 WATT MATL	R251, R287, R288, R289, R290, R294, R295, R296, R297, R298, R299, R300, R301, R308, R311, R312, R313, R314, R315, R316, R325, R97
		r603-35X45		RC0603JR-071KL	Yageo
181	5 each	100687-3301R	PS	RES,SMT 0603,330 OHM,5%,1/16 WATT MATL	R217, R232, R302, R303, R304
		r603-35X45		ERJ-3GEYJ331V	Panasonic
182	4 each	100687-4702R	PS	RES,SMT 0603,4.7K OHM,5%,1/16 WATT MATL	R331, R332, R333, R334
		r603-35X45		RC0603JR-074K7L	Yageo
190	7 each	102598-0002R	PS	RES,SMT 1206,.02 OHM,2%,1/2 WATT MATL	R101, R116, R121, R22, R23, R25, R66
		r1206-40x70		RL1632T-R020-G	Susumu Co., Ltd.
191	4 each	100155-0001R	PS	RES,SMT 1206,0 OHM,1/8 WATT MATL	R194, R214, R81, R91
		r1206-40x70		RC1206JR-070RL	Yageo
192	1 each	100155-0100R	PS	RES,SMT 1206,1 OHM,5%,1/8 WATT MATL	R24
		r1206-40x70		ERJ-8GEYJ1R0V	Panasonic
195	2 each	100830-0025R	PS	RES,SMT 2512,.025 OHM,1%,1W MATL	R107, R293
		R2512		WSL2512R0250FEA	Vishay Intertechnology
200	1 each	100642-1001R	PS	RES,SMT 0603,100 OHM,1%,1/16 WATT MATL	R61
		r603-35x45		RC0603FR-07100RL	Yageo
201	1 each	100642-1213R	PS	RES,SMT 0603,12.1K OHM,1%,1/16 WATT MATL	R39
		r603-35x45		ERJ-3EKF1212V	Panasonic
202	1 each	100642-1203R	PS	RES,SMT 0603,12K OHM,1%,1/16 WATT MATL	R165
		r603-35x45		RC0603FR-0712KL	Yageo
203	2 each	100642-2003R	PS	RES,SMT 0603,20K OHM,1%,1/16 WATT MATL	R10, R2
		r603-35x45		ERJ-3EKF2002V	Panasonic

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Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		ION Footprint		Mfr P/N	Mfr Name
204	1 each	100642-2211R r603-35x45	PS	RES,SMT 0603,221 OHM,1%,1/16 WATT MATL ERJ-3EKF2210V	R14 Panasonic
205	1 each	100642-2214R r603-35x45	PS	RES,SMT 0603,221K OHM,1%,1/16 WATT MATL ERJ-3EKF2213V	R27 Panasonic
206	1 each	100642-2002R r603-35x45	PS	RES,SMT 0603,2K OHM,1%,1/16 WATT MATL RC0603FR-072KL	R28 Yageo
207	14 each	100642-4990R r603-35x45	PS	RES,SMT 0603,49.9 OHM,1%,1/10 WATT MATL ERJ-3EKF49R9V	R260, R270, R30, R329, R33, R330, R36, R40, R42, R51, R53, R55, R57, R94 Panasonic
208	1 each	102713-0001R sw6-dpdt1201-10073	PS	SWITCH,SLIDE,RT ANGLE,DPDT,ON-NONE-ON MATL 1201M2S3AQE2	S4 C&K/Unimax, Inc.
209	2 each	103273-0001R sw-ksc4-GW	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,.25 MATL KSC421G70SHLFS	S3, S5 C&K/Unimax, Inc.
210	2 each	103302-0008R sw8-44x96	PS	SWITCH,DIP,SMT,8 POS,.35 HEIGHT MATL 204-8ST	S2, S7 CTS Electronics Corporation
212	1 each	100116-0007R JUMP2X7-6040	PL	HEADER,7 X 2,VERTICAL,PIN SUBA 2011-2X07G00SB/SN	J7 Oupiin
213	1 each	100116-0010R JUMP2X10-6040	PL	HEADER,10 X 2,VERTICAL,PIN SUBA	J4
214	1 each	100116-0030R conn60-5638	PL	HEADER,30 X 2,VERTICAL,PIN SUBA	J15
215	1 each	102773-0001R conn_fps009-2305-0	PS	CONN,SMT,RECEPTACLE,SECURE MATL FPS009-2305-0	J10 Yamaichi Electronics, Inc.
216	1 each	101677-0001R SAMTEC-MUSB	PS	CONN,SMT,RECEPTACLE,5 POS,RIGHT MATL MUSB-05-S-B-SM-A-K-TR	J1 Samtec, Inc.
217	1 each	102836-0001R usb-top-microB	PS	CONN,SMT,RECEPTACLE,5 POS,RIGHT MATL ZX62-AB-5PA	J6 Hirose Electric, Inc.

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		ION Footprint		Mfr P/N	Mfr Name
218	4 each	103180-0100R df40c_100ds	PS	CONN,SMT,RECEPTACLE,100 POS.,.4mm SPC. MATL	J13, J28, J29, J30 Hirose Electric, Inc.
219	2 each	101012-0001R st_3500	PS	CONN,SMT,JACK,STEREO,4 POS.,3.6mm MATL	J11, J12 Kycon, Inc.
220	1 each	101238-0001R PWR3-RASM712	PS	CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm MATL	J16 Switchcraft
221	1 each	101678-0001R usb_a_sh	PS	CONN,RECEPTACLE,4 POS,RIGHT MATL	J27 Tyco Electronics
222	1 each	102930-0007R molex-67491-002	PS	CONN,PLUG,7 POS.,VERTICAL,1.27MM,HIGH MATL	J3 Molex
223	1 each	102943-0001R rj45-pulse_J0	PS	CONN,JACK,RJ45,INTEGRATED MAGNETICS MATL	J31 Pulse Engineering
224	1 each	100558-0009R CONN9D-6547-RT-M	PS	CONN,DB9,MALE,RIGHT ANGLE,.318 MATL	P1 PI Manufacturing Corp.
230	11 each	C0402-NOPOP c402-25	PS	NP	C100, C17, C180, C80, C86, C88, C89, C90, C96, C97, C98
235	54 each	R0402-NOPOP r402-25	PS	NP	R115, R118, R120, R122, R124, R126, R127, R129, R130, R131, R132, R138, R144, R145, R146, R147, R148, R149, R150, R159, R162, R163, R164, R212, R213, R216, R220, R227, R233, R242, R249, R271, R275, R276, R292, R305, R31, R310, R326, R337, R342, R343, R4, R41, R5, R54, R56, R58, R6, R69, R7, R77, R79, R95
240	4 each	R0603-NOPOP r603-35X45	PS	NP	R111, R112, R113, R114

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		ION Footprint			
				Mfr P/N	Mfr Name
250	5 each	TP-NO-POP [Redacted] tp1-6040	PS	NP	TP1, TP2, TP3, TP4, TP5
251	8 each	TP-18RD10-NO-POP [Redacted] tp1-18rd10	PS	NP	TP10, TP11, TP12, TP13, TP6, TP7, TP8, TP9
255	13 each	NO-POP [Redacted]	PS	NP	C91, D1, J2, J5, J8, J9, Q7, U26, U3, U37, U39, U4, U44