

Parts List

509120-0001M

ASSY,TMS320C6424 EVM FOR MANUAL

SUBA

Type	PL	PCB Package
Revision	B	ION Footprint
Status	U	Package Qty
Date		Bin Loc.
By		SUBA

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		ION Footprint		Mfr P/N	Mfr Name

1	1 each	509121-0001R	DWG C	PWB,TMS320C6424 EVM	
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2	1 each	509122-0001	DOC B	LOGIC,TMS320C6424 EVM	
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5	1 each	509097-0001R	DWG A	FAB,C6424 PCI BRACKET	
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7	1 each	102510-0001R	PS	IC,BGA361,.8mm,C6424	U1 TMX320C6424AZWT Texas Instruments
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8	2 each	102243-0375R	PS	IC,BGA84,DDR2 SDRAM,512M,3.75nS	U16, U17 MT47H32M16BN-37E:D Micron Technology, Inc.
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9	1 each	102373-0110R	PS	IC,BGA,FLASH,256MEG,3V,110nS	U24 S29GL256P11FFI010 Spansion
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10	1 each	102372-0010R	PS	IC,BGA,SRAM,16MEG,10nS	U22 IS61WV102416BLL-10MLI ISSI
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12	1 each	102386-0001R	PS	IC,BGA63,NAND,512M,2.7V-3.6V	U23 NAND512W3A2DZA6E Numonyx
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13	1 each	102322-0001R	PS	IC,QFP48,PHYSICAL LAYER TRANSCEIVER	U30 KSZ8001L Micrel Incorporated
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14	1 each	102158-0001R bga9x9-p5mm	PS	IC,uBGA,STEREO AUDIO CODEC,LOW POWER TLV320AIC33IZQER	U43 Texas Instruments
16	4 each	102367-0001R	PS	IC,TSSOP56,74CBT16292,12-BIT 1-OF-2 FET SN74CBT16292DGGR	U51, U52, U53, U54 Texas Instruments
18	5 each	101679-0001R pw24-14x70	PS	IC,TSSOP24,10-BIT FET BUS SWITCH,LOW SN74CBTLV3384PWR	U18, U19, U21, U27, U75 Texas Instruments
20	3 each	101338-0001R PWP20-14X70-PAD	PS	IC,TSSOP20,BUCK PWM TPS54310PWPR	U55, U59, U60 Texas Instruments
21	1 each	101691-0001R pw16-14x70	PS	IC,TSSOP16,RS-232 DRIVER/RECEIVER MAX3221CPWR	U34 Texas Instruments
22	1 each	101593-0001R tssop14-14x70	PS	IC,TSSOP14,QUAD FET BUS SWITCH,LOW SN74CBTLV3125PWR	U76 Texas Instruments
23	4 each	102371-0001R pw20-14x70	PS	IC,TSSOP,REMOTE 8-BIT I/O EXPANDER FOR I2C PCF8574APWR	U10, U11, U13, U64 Texas Instruments
24	1 each	101025-0001R so8-25x75-295	PS	IC,SO8,SERIAL CAT24WC256X	U25 Catalyst Semiconductor, Inc.
25	6 each	101027-0001R dck-5	PS	IC,SO5,SINGLE SCHMITT-TRIGGER INVERTER SN74AHC1G14DCKR	U38, U39, U42, U66, U68, U69 Texas Instruments
26	2 each	102278-0006R DBV-20X60-5	PS	IC,SO5,SINGLE INVERTER BUFFER/DRIVER SN74LVC1G06DBVR	U15, U67 Texas Instruments

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27	3 each	101057-0125R dck-5	PS	IC,SO5,SINGLE BUS BUFFER GATE SN74LVC1G125DCKR	U3, U46, U49 Texas Instruments
28	1 each	101057-0126R dck-5	PS	IC,SO5,SINGLE BUS BUFFER GATE SN74LVC1G126DCKR	U70 Texas Instruments
29	1 each	101057-0007R dck-5	PS	IC,SO5,SINGLE BUFFER/DRIVER SN74LVC1G07DCKR	U36 Texas Instruments
30	8 each	101057-0032R dck-5	PS	IC,SO5,SINGLE 2-INPUT POSITIVE-OR GATE SN74LVC1G32DCKR	U14, U35, U37, U62, U71, U73, U74, U77 Texas Instruments
31	1 each	101057-0008R dck-5	PS	IC,SO5,SINGLE 2-INPUT POSITIVE AND GATE SN74LVC1G08DCKR	U40 Texas Instruments
32	1 each	100714-0001R TSSOP16-14X70	PS	IC,QSOP16,QUAD 2:1 SN74CBT3257PWR	U12 Texas Instruments
33	4 each	101670-0001R tssop16-14x70	PS	IC,QSOP16,LOW VOLTAGE,QUAD 2:1 SN74CBTLV3257PWR	U26, U28, U33, U41 Texas Instruments
35	3 each	102020-0009R DBV6-27X39-6	PS	IC,DBV6,SUPERVISORY CIRCUIT,.9V TPS3808G09DBVR	U56, U57, U58 Texas Instruments
41	1 each	100983-0025R OSC4-71X79	PS	OSC,SMT,25 MHZ CB3LV-3C-25M0000	U72 CTS Electronics Corporation
42	1 each	100983-0050R OSC4-71X79	PS	OSC,SMT,50 MHZ CB3LV-3C-50.0000-T	U29 CTS Electronics Corporation

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43	1 each	101590-0270R xtal2-75x94	PS	CRYSTAL,SMT,6mm,27 MHZ ABM7-27.000MHZ-D2Y-T	Y1 Abracon
45	1 each	102376-0001R sot23-28x44-gsd	PS	TRANSISTOR,SOT23,MOSFET,N-CHANNEL BSS123-7-F	Q4 Diodes, Inc.
47	1 each	100872-0004R FUSEFOLDER-OMNI-BLOK	PS	FUSE,SMT,OMNI-BLOK,4A 0154004.DRT	F1 Littlefuse
52	1 each	100695-0002R SOT23-28X44	PS	DIODE,SOT23,REFERENCE,4.1V LM4040CIM3X-4.1/NOPB	D5 National Semiconductor
53	1 each	100185-0001R SOT23-28X44	PS	DIODE,SOT23,SWITCHING BAS16-7-F	D10 Diodes, Inc.
54	1 each	101808-0006R SMC-80X128	PS	TRANSORB,SMC,UNI-DIRECTIONAL,1500W,6V SMCJ6.0A-13-F	D3 Diodes, Inc.
56	17 each	101228-2201R l805-35x60	PS	FERRITE BEAD,SMT 0805,220 OHMS BLM21PG221SN1D	L1, L11, L18, L19, L20, L21, L22, L23, L24, L3, L55, L56, L57, L58, L6, L8, L9 Murata Electronics
57	4 each	101126-0001R FB1806-41X70	PS	FERRITE BEAD,SMT 1806,75 OHMS BLM41PG750SN1L	L16, L49, L51, L53 Murata Electronics
60	2 each	101584-0100R L805-35x60	PS	INDUCTOR,SMT 0805,1uH CI0805-1R0K-R	L12, L13 Associated Components Technology, Inc.
61	2 each	101348-0270R IND-ELL6	PS	INDUCTOR,SMT,2.7uH,.11 HEIGHT ELL-6RH2R7M	L50, L54 Panasonic

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62	1 each	102222-0330R ind2-70x135-ihlp2525	PS	INDUCTOR,SMT,HIGH CURRENT,3.3uH,LOW IHL P2525CZER3R3M01	L52 Vishay Intertechnology
65	5 each	100823-0001R led1206-59x59	PS	LED,SMT 1206,GREEN LTST-C150GKT	DS1, DS2, DS3, DS4, DS5 LITEON
70	2 each	100995-0471R c7343-84x118	PS	CAP,TANT,SMT 2816,47uF,10V T491D476K010AT	C154, C340 Kemet Electronics Corporation
72	11 each	101953-0331R c1206-40x70p	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR TPSA336K006R0600	C204, C240, C243, C27, C28, C39, C41, C55, C56, C57, C69 AVX Corporation
73	4 each	101003-0101R c1206-40x70-POL	PS	CAP,TANT,SMT 1206,10uF,6.3V T491A106M006AT	C221, C230, C245, C247 Kemet Electronics Corporation
74	3 each	101347-0102R c7343-84x118	PS	CAP,POSCAP,SMT 2816,100uF 6TPC100M	C325, C346, C359 Sanyo Electronic Components Co. Ltd.
75	4 each	101349-0102R C2220-60X230	PS	CAP,CER,SMT 2220,100uF,X5R,6.3V GRM55FR60J107KA01	C323, C343, C345, C357 Murata Electronics
76	1 each	101583-1102R EIA1812	PS	CAP,CER,SMT 1812,1000pF,X7R,2KV 1812GC102KAT1A	C142 AVX Corporation
77	3 each	101062-0101R C1210-70X102	PS	CAP,CER,SMT 1210,10uF,16V EMK325F106ZF-T	C321, C342, C355 Taiyo Yuden
78	6 each	101694-0470R C1206-40X70	PS	CAP,CER,SMT 1206,4.7uF,16V,X5R C1206C475K4PAC	C132, C133, C137, C139, C141, C384 Kemet Electronics Corporation

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79	5 each	101064-0221R C1206-40X70	PS	CAP,CER,SMT 1206,22uF,10V LMK316F226ZL-T	C102, C103, C372, C375, C378 Taiyo Yuden
85	8 each	100934-1330R c805-35x60	PS	CAP,CER,SMT 0805,.33uF,16V,+/-10%,X7R ECJ-2FB1C334K	C371, C374, C377, C381, C383, C385, C386, C392 Panasonic
90	4 each	100993-1102R c603-35x45	PS	CAP,CER,SMT 0603,.001uF,50V,+/-10%,X7R 06035C102KAT2A	C324, C344, C358, C71 AVX Corporation
91	1 each	100993-1101R c603-35x45	PS	CAP,CER,SMT 0603,.01uF,50V,+/-10%,X7R 06035C103KAT2A	C313 AVX Corporation
92	3 each	100994-1391R c603-35x45	PS	CAP,CER,SMT 0603,.039uF,16V,+/-10%,X7R ECJ-1VB1C393K	C315, C334, C349 Panasonic
93	3 each	100994-1471R c603-35x45	PS	CAP,CER,SMT 0603,.047uF,16V,+/-10%,X7R ECJ-1VB1C473K	C318, C337, C352 Panasonic
94	4 each	101001-1104R c603-35x45	PS	CAP,CER,SMT 0603,10pF,50V,+/-5pF,NPO C0603C100J5GACTU	C155, C156, C157, C158 Kemet Electronics Corporation
95	2 each	101103-1184R c603-35x45	PS	CAP,CER,SMT 0603,18pF,50V,+/-5%,NPO GRM1885C1H180JA01D	C2, C4 Murata Electronics
96	9 each	101007-0100R c603-35x45	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% GRM188R60J105KA01D	C1, C10, C153, C159, C160, C161, C162, C368, C73 Murata Electronics
97	3 each	100993-1223R c603-35x45	PS	CAP,CER,SMT 0603,220pF,50V,+/-10%,X7R 06035C221KAT2A	C224, C234, C239 AVX Corporation

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98	3 each	100993-1332R c603-35x45	PS	CAP,CER,SMT 0603,3300pF,50V,+/-10%,X7R 06035C332KAT2A	C317, C336, C351 AVX Corporation
99	10 each	100993-1473R c603-35x45	PS	CAP,CER,SMT 0603,470pF,50V,+/-10%,X7R 06035C471KAT2A	C335, C350, C373, C376, C379, C380, C382, C393, C394, C405 AVX Corporation
100	1 each	100993-1563R c603-35x45	PS	CAP,CER,SMT 0603,560pF,50V,+/-10%,X7R 06035C561KAT2A	C316 AVX Corporation
101	2 each	100993-1822R c603-35x45	PS	CAP,CER,SMT 0603,8200pF,50V,+/-10%,X7R ECJ-1VB1H822K	C332, C347 Panasonic

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106	168 each	101587-1100R	PS	CAP,CER,SMT 0402, .1uF,10V,+/-10%,X5R C0402C104K8PACTU	C100, C101, C104, C105, C106, C107, C108, C109, C110, C111, C112, C113, C114, C115, C117, C118, C119, C120, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C134, C135, C136, C138, C140, C143, C144, C152, C163, C164, C165, C166, C167, C168, C170, C171, C172, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C19, C190, C191, C193, C194, C195, C196, C197, C199, C20, C203, C205, C206, C207, C21, C219, C22, C220, C222, C223, C225, C226, C227, C228, C229, C23, C231, C232, C233, C235, C236, C237, C238, C24, C241, C242, C244, C246, C249, C25, C250, C252, C253, C26, C29, C3, C30, C31, C314, C32, C320, C322, C326, C328, C33, C330, C333, C339, C34, C341, C348, C35, C354, C356, C36, C366, C37, C42, C43, C44, C45, C46, C47, C48, C49, C5, C50, C51, C52, C53, C54, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C7, C70, C72, C8, C9, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99
		c402-25			Kemet Electronics Corporation
107	3 each	101782-1565R	PS	CAP,CER,SMT 0402,5.6pF,50V,+/- .25pF,NPO GJM1555C1H5R6CB01D	C361, C364, C365
		c402-25			Murata Electronics

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115	1 each	101069-1502R rpak16-10x25-2hv	PS	RES,NETWORK,SMT,16 PIN,8 RES,1.5K EXB-2HV152JV	RN13 Panasonic
116	3 each	101069-1000R rpak16-10x25-2hv	PS	RES,NETWORK,SMT,16 PIN,8 RES,10 EXB-2HV100JV	RN32, RN39, RN6 Panasonic
117	2 each	101069-1003R rpak16-10x25-2hv	PS	RES,NETWORK,SMT,16 PIN,8 RES,10K EXB-2HV103JV	RN15, RN37 Panasonic
118	5 each	101069-2200R rpak16-10x25-2hv	PS	RES,NETWORK,SMT,16 PIN,8 RES,22 EXB-2HV220JV	RN1, RN14, RN2, RN3, RN4 Panasonic
119	1 each	101069-2203R rpak16-10x25-2hv	PS	RES,NETWORK,SMT,16 PIN,8 RES,22K EXB-2HV223JV	RN12 Panasonic
120	1 each	101069-3300R rpak16-10x25-2hv	PS	RES,NETWORK,SMT,16 PIN,8 RES,33 EXB-2HV330JV	RN5 Panasonic
121	1 each	101069-4703R rpak16-10x25-2hv	PS	RES,NETWORK,SMT,16 PIN,8 RES,47K EXB-2HV473JV	RN31 Panasonic
122	3 each	101327-1003R rpak8-10x25-28v	PS	RES,NETWORK,SMT,8 PIN,4 RES,10K EXB-28V103JX	RN20, RN22, RN34 Panasonic
123	1 each	101327-1002R rpak8-10x25-28v	PS	RES,NETWORK,SMT,8 PIN,4 RES,1K EXB-28V102JX	RN38 Panasonic
124	13 each	101327-2200R rpak8-10x25-28v	PS	RES,NETWORK,SMT,8 PIN,4 RES,22 EXB-28V220JX	RN10, RN11, RN23, RN24, RN25, RN26, RN27, RN28, RN29, RN30, RN7, RN8, RN9 Panasonic

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130	43 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT	R145, R153, R158, R171, R172, R177, R178, R179, R180, R184, R199, R200, R226, R228, R272, R28, R289, R308, R311, R312, R313, R315, R329, R331, R332, R334, R335, R337, R34, R347, R349, R429, R430, R431, R432, R439, R5, R69, R70, R72, R94, R95, R98
				RC0402JR-070RL	Yageo
		r402-25			
131	5 each	101370-1502R	PS	RES,SMT 0402,1.5K,5%,1/16 WATT	R173, R174, R357, R44, R45
				RC0402JR-071K5L	Yageo
		r402-25			
132	9 each	101370-1000R	PS	RES,SMT 0402,10 OHM,5%,1/16 WATT	R182, R213, R214, R215, R216, R218, R219, R30, R31
				RC0402JR-0710RL	Yageo
		r402-25			
135	57 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT	R1, R100, R102, R103, R104, R105, R119, R121, R122, R123, R131, R142, R143, R147, R150, R151, R152, R155, R156, R157, R159, R163, R170, R185, R187, R188, R190, R192, R20, R201, R205, R208, R21, R221, R222, R23, R233, R246, R247, R248, R251, R253, R278, R283, R284, R287, R288, R290, R295, R304, R309, R310, R345, R74, R93, R96, R97
				RC0402JR-0710KL	Yageo
		r402-25			
136	10 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT	R11, R13, R161, R162, R17, R266, R281, R394, R6, R7
				RC0402JR-071KL	Yageo
		r402-25			

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137	2 each	101370-2202R	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT RC0402JR-072K2L	R15, R16 Yageo
		r402-25			
138	12 each	101370-2003R	PS	RES,SMT 0402,20K,5%,1/16 WATT ERJ-2GEJ203X	R175, R176, R203, R204, R210, R211, R212, R217, R258, R364, R42, R43 Panasonic
		r402-25			
139	17 each	101370-2200R	PS	RES,SMT 0402,22 OHM,5%,1/16 WATT RC0402JR-0722RL	R111, R249, R27, R29, R307, R333, R336, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87 Yageo
		r402-25			
141	12 each	101370-3300R	PS	RES,SMT 0402,33 OHM,5%,1/16 WATT RC0402JR-0733RL	R14, R189, R2, R257, R346, R356, R433, R434, R435, R436, R8, R9 Yageo
		r402-25			
142	1 each	101370-4703R	PS	RES,SMT 0402,47K OHM,5%,1/16 WATT RC0402JR-0747KL	R89 Yageo
		r402-25			
150	1 each	102145-1000R	PS	RES,SMT 0402,10 OHM,1%,1/16 WATT RC0402FR-0710RL	R132 Yageo
		r402-25			
151	2 each	102145-1002R	PS	RES,SMT 0402,1K,1%,1/16 WATT RC0402FR-0711KL	R76, R77 Yageo
		r402-25			
152	3 each	102145-2003R	PS	RES,SMT 0402,20K OHM,1%,1/16 WATT RC0402FR-0720KL	R166, R167, R285 Yageo
		r402-25			
154	1 each	102145-9092R	PS	RES,SMT 0402,9.09K OHM,1%,1/16 WATT ERJ-2RKF9091X	R282 Panasonic
		r402-25			

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160	2 each	101971-0010R	PS	RES,SMT 0603,.1 OHM,1%,1/10 WATT ERJ-3RSFR10V	R320, R35 Panasonic
161	1 each	100687-1501R r603-35x45	PS	RES,SMT 0603,150 OHM,5%,1/16 WATT ERJ-3GEYJ151V	R149 Panasonic
162	2 each	100687-2001R r603-35X45	PS	RES,SMT 0603,200 OHM,5%,1/16 WATT ERJ-3GEYJ201V	R32, R33 Panasonic
163	1 each	100687-2201R r603-35X45	PS	RES,SMT 0603,220 OHM,5%,1/16 WATT ERJ-3GEYJ221V	R224 Panasonic
165	8 each	100687-3301R r603-35X45	PS	RES,SMT 0603,330 OHM,5%,1/16 WATT ERJ-3GEYJ331V	R127, R128, R198, R202, R64, R65, R66, R67 Panasonic
166	1 each	100687-3601R r603-35x45	PS	RES,SMT 0603,360 OHM,5%,1/16 WATT ERJ-3GEYJ361V	R299 Panasonic
167	4 each	100687-5602R r603-35x45	PS	RES,SMT 0603,5.6K OHM,5%,1/16 WATT ERJ-3GEYJ562V	R193, R194, R195, R196 Panasonic
175	2 each	100642-1502R r603-35x45	PS	RES,SMT 0603,1.5K OHM,1%,1/16 WATT ERJ-3EKF1501V	R133, R68 Panasonic
176	1 each	100642-1023R r603-35x45	PS	RES,SMT 0603,10.2K OHM,1%,1/16 WATT ERJ-3EKF1022V	R300 Panasonic
177	1 each	100642-1001R r603-35x45	PS	RES,SMT 0603,100 OHM,1%,1/16 WATT RC0603FR-07100RL	R225 Yageo

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178	3 each	100642-1071R r603-35x45	PS	RES,SMT 0603,107 OHM,1%,1/16 WATT ERJ-3EKF1070V	R277, R296, R303 Panasonic
179	3 each	100642-1003R r603-35x45	PS	RES,SMT 0603,10K OHM,1%,1/16 WATT ERJ-3EKF1002V	R279, R297, R305 Panasonic
180	3 each	100642-2002R r603-35x45	PS	RES,SMT 0603,2K OHM,1%,1/16 WATT RC0603FR-072KL	R276, R293, R302 Yageo
181	1 each	100642-3742R r603-35x45	PS	RES,SMT 0603,3.74K OHM,1%,1/16 WATT ERJ-3EKF3741V	R291 Panasonic
183	1 each	100642-4753R r603-35x45	PS	RES,SMT 0603,47.5K OHM,1%,1/16 WATT ERJ-3EKF4752V	R197 Panasonic
184	4 each	100642-4990R r603-35x45	PS	RES,SMT 0603,49.9 OHM,1%,1/10 WATT ERJ-3EKF49R9V	R109, R110, R115, R117 Panasonic
185	2 each	100642-5603R r603-35x45	PS	RES,SMT 0603,56K OHM,1%,1/16 WATT RC0603FR-0756KL	R273, R274 Yageo
186	1 each	100642-6652R r603-35x45	PS	RES,SMT 0603,6.65K OHM,1%,1/16 WATT ERJ-3EKF6651V	R124 Panasonic
187	3 each	100642-7153R r603-35x45	PS	RES,SMT 0603,71.5K OHM,1%,1/16 WATT ERJ-3EKF7152V	R275, R294, R301 Panasonic
200	5 each	100830-0025R R2512	PS	RES,SMT 2512,.025 OHM,1%,1W WSL2512R0250FEA	R280, R298, R306, R317, R319 Vishay Intertechnology

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		ION Footprint		Mfr P/N	Mfr Name
210	1 each	102389-0001R sw3-80x30-gs01-rt	PS	SWITCH, SMT,SLIDE,RT ANGLE,SPDT GS01MSABE	SW7 C&K/Unimax, Inc.
211	1 each	101184-0002R sw2-30x50-tda	PS	SWITCH,DIP,SMT,HALF-PITCH,2 POS. TDA02H0SB1R	SW3 C&K/Unimax, Inc.
212	1 each	101184-0004R sw4-30x50-tda	PS	SWITCH,DIP,SMT,HALF-PITCH,4 POS. TDA04H0SB1R	SW2 C&K/Unimax, Inc.
213	1 each	101184-0008R SW8-30X50	PS	SWITCH,DIP,SMT,HALF-PITCH,8 POS. TDA08H0SB1R	SW1 C&K/Unimax, Inc.
214	1 each	101307-0004R sw4-44x96-cts	PS	SWITCH,SMT DIP,SIDE,4 POS 193-4MSR	SW4 CTS Electronics Corporation
215	2 each	101215-0001R SW-40X126-EVQP1	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm EVQ9P105M	SW5, SW6 Panasonic
220	1 each	100558-0009R CONN9D-6547-RT-M	PS	CONN,DB9,MALE,RIGHT ANGLE,,318 2100-009P	P8 PI Manufacturing Corp.
221	1 each	102169-0001R conn5-totx141p	PS	CONN,FIBER OPTIC TRANSMITTING MODULE TOTX147PL(F,T)	P14 Toshiba
222	1 each	102166-0001R conn8-rt-rj45-sh-halo	PS	CONN,JACK,RJ45,INTEGRATED MAGNETICS HFJ11-2450E-L21RL	P3 HALO Electronics, Inc.
223	1 each	100616-0001R rca844	PS	CONN,RCA,RIGHT ANGLE,RL844,BLACK SJ-0844	J10 Shogyo International Corp.

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ION Footprint					
				Mfr P/N	Mfr Name
224	1 each	101238-0001R PWR3-RASM712	PS	CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm RASM712TRP15X	J16 Switchcraft
225	4 each	101012-0001R st_3500	PS	CONN,SMT,JACK,STEREO,4 POS.,3.6mm STX-3500-4NTR	P10, P11, P12, P13 Kycon, Inc.
226	1 each	102185-0124R tyco-6318228-dimm	PS	CONN,SMT,MINIPCI,.8mm,124 PIN 6318228-1	J20 Tyco Electronics
228	1 each	100562-0010R sfm-2x10-29x110	PS	CONN,SMT,VERTICAL,RECEPTACLE,10X2 SFM-110-02-S-D-LC	DC_P3 Samtec, Inc.
229	1 each	100562-0045R 	PS	CONN,SMT,VERTICAL,RECEPTACLE,45X2 SFM-145-02-S-D-LC	DC_P2 Samtec, Inc.
230	1 each	100562-0050R conn2x50-29x110-sfm	PS	CONN,SMT,VERTICAL,RECEPTACLE,50X2 SFM-150-02-S-D-LC	DC_P1 Samtec, Inc.
240	22 each	100115-0001R tp1-6040	PL	HEADER,1 X 1,VERTICAL,PIN	TP10, TP22, TP23, TP25, TP26, TP27, TP28, TP29, TP30, TP33, TP34, TP37, TP38, TP42, TP43, TP46, TP47, TP61, TP64, TP7, TP8, TP9
241	2 each	100115-0002R JUMP1X2-6040	PL	HEADER,2 X 1,VERTICAL,PIN	JP3, JP4
242	1 each	100115-0003R JUMP1X3-6040	PL	HEADER,3 X 1,VERTICAL,PIN	JP1

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ION Footprint					
				Mfr P/N	Mfr Name
245	1 each	100116-0004R hdr2x4-6040	PL	HEADER,4 X 2,VERTICAL,PIN	JP2
246	1 each	100116-0007R JUMP2X7-6040	PL	HEADER,7 X 2,VERTICAL,PIN 2011-2X07G00SB/SN	J6 Oupiin
251	6 each	101048-0004R	PS	BUMPER,#4,RECESSED,.5 DIA.,.25H	720 Keystone Electronics Corp.
252	1 each	100186-0008R dip8-5638-skt	PS	SOCKET,DIP,MACHINE,8 PIN	08-3518-10 U65 Aries Electronics, Inc.
253	12 each	100329-0250R	PS	SCREW,PHILLIPS,PAN,SS,4-40 X .250 0440X0250PNPHSSPS	 Above Board Electronics,Inc.
254	6 each	100316-0500R	PS	SPACER,HEX,ALUMINUM,4-40,.25 O.D. X .500	2203 Keystone Electronics Corp.
260	18 each	102380-0030R tp1-3015	PS	(NO-POP) TEST POINT,30 MIL PAD, 15 MIL	TP1, TP12, TP15, TP16, TP17, TP18, TP2, TP21, TP31, TP32, TP36, TP4, TP40, TP41, TP48, TP49, TP5, TP6
270	6 each	C0402-NOPOP c402-25	PS		C169, C327, C329, C331, C362, C363

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		ION Footprint			Mfr P/N	Mfr Name
271	59 each	R0402-NOPOP	PS			R10, R101, R106, R107, R112, R113, R114, R116, R118, R12, R120, R126, R129, R130, R134, R135, R136, R137, R144, R146, R154, R164, R165, R168, R18, R181, R19, R191, R206, R207, R209, R22, R229, R230, R231, R232, R234, R24, R252, R267, R270, R292, R3, R314, R326, R338, R339, R344, R393, R4, R419, R438, R71, R73, R75, R88, R90, R92, R99
r402-25						
272	4 each	C0603-NOPOP	PS			C312, C319, C338, C353
c603-35x45						
275	1 each	R0603-NOPOP	PS			R148
r603-35X45						
280	3 each	NO-POP	PS			P4, R316, U2