

# Parts List

## 511140-0001M

ASSY,DA830 DSK 256 BGA FOR MANUAL

Type	PL	PCB Package
Revision	A	ION Footprint
Status	U	Package Qty
Date		Bin Loc.
By		Product Class

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		PCB Package		Mfr Name	Mfr P/N
1	1 each	511141-0001R	DWG A	PWB,DA830 DSK 256 BGA CSTM	
2	1 each	511142-0001	DOC A	LOGIC,DA830 DSK 256 BGA SCH	
5	1 each	102235-0001R	PS	IC,SO8,SERIAL EEPROM,256K-BIT MATL Replaced 101025-0001R. Backwards compatible. SO8WN Catalyst Semiconductor, Inc.	U27 CAT24C256WI-G
6	1 each	102801-0001R	PS	IC,SO16,SERIAL FLASH MEMORY,32MEG MATL SOL16 Winbond Electronics Corp.	U23 W25X32VFIG
8	2 each	102799-0006R	PS	IC,BGA,SDRAM,256MEG,6nS MATL ISSI	U21, U22 IS42S16160D-6BL
9	1 each	102795-0001R	PS	IC,PQFP128,INTEGRATED 3-PORT 10/100 MATL TI_PQFP128 Micrel Incorporated	U41 KSZ8893MQL
10	2 each	102693-0001R	PS	IC,TSSOP56,74CBTLV16212,LOW VOLTAGE, MATL TSSOP56 Texas Instruments	U31, U8 SN74CBTLV16212GR
13	1 each	102800-0001R	PS	IC,PQFP,STEREO AUDIO CODEC,LOW POWER MATL PQFP48-RGZ Texas Instruments	U38 TLV320AIC3106IRGZT
16	2 each	101679-0001R	PS	IC,TSSOP24,10-BIT FET BUS SWITCH,LOW MATL SO24PWA Texas Instruments	U24, U3 74CBTLV3384PWRE4
17	1 each	101691-0001R	PS	IC,TSSOP16,RS-232 DRIVER/RECEIVER MATL TSSOP16 Texas Instruments	U28 MAX3221CPWRG4
18	2 each	101433-0001R	PS	IC,TSSOP16,MULTIPLEXER/DEMULTIPLEXER MATL TSSOP16 Texas Instruments	U12, U19 SN74CBTLV3253PWR
20	2 each	102810-0001R	PS	IC,SO8,POWER DISTRIBUTION MATL SO8 Texas Instruments	U13, U14 TPS2065D

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21	1 each	100962-0001R	PS	IC,SO8,POWER AMPLIFIER,1W MATL	U40
		SO8		Texas Instruments	TPA4861D
22	4 each	101027-0001R	PS	IC,SO5,SINGLE SCHMITT-TRIGGER INVERTER MATL	U37, U51, U52, U53
		DCK5		Texas Instruments	SN74AHC1G14DCKRG4
23	2 each	101057-0002R	PS	IC,SO5,SINGLE NOR-GATE MATL	U30, U7
		DCK5		Texas Instruments	SN74LVC1G02DCKR
24	1 each	101057-0004R	PS	IC,SO5,SINGLE INVERTER GATE MATL	U57
		DCK5		Texas Instruments	SN74LVC1G04DCKRG4
25	3 each	101689-0125R	PS	IC,SO5,SINGLE BUS BUFFER GATE MATL	U15, U43, U59
		DCK5		Texas Instruments	74CBTLV1G125CRG4
26	4 each	101057-0032R	PS	IC,SO5,SINGLE 2-INPUT POSITIVE-OR GATE MATL	U20, U25, U35, U4
		DCK5		Texas Instruments	SN74LVC1G32DCKRG4
27	5 each	101057-0008R	PS	IC,SO5,SINGLE 2-INPUT POSITIVE AND GATE MATL	U29, U46, U47, U49, U6
		DCK5		Texas Instruments	SN74LVC1G08DCKRG4
28	1 each	102636-0001R	PS	IC,SO5,REGULATOR,LOW MATL	U54
		DBV5		Texas Instruments	TPS79901DDC
29	2 each	101057-0001R	PS	IC,SO5,2 INPUT POSITIVE NAND GATE MATL	U26, U5
		DCK5		Texas Instruments	SN74LVC1G00DCKRG4
31	2 each	102566-0001R	PS	IC,SMT,PROTECTION ARRAY,6-CHANNEL 115-kV MATL	U32, U33
		PQFP10		Texas Instruments	TPD6E001RSER
32	2 each	102728-0001R	PS	IC,SMT,PROTECTION ARRAY,2-CHANNEL 15-kV MATL	U55, U56
		DRL5		Texas Instruments	TPD2E001DRL
33	10 each	101670-0001R	PS	IC,QSOP16,LOW VOLTAGE,QUAD 2:1 MATL	U10, U11, U16, U17, U18, U2, U34, U36, U58, U9
		TSSOP16		Texas Instruments	74CBTLV3257PWRG4
34	1 each	102746-0001R	PS	IC,QFN40,POWER MANAGEMENT IC FOR LI-ION MATL	U44
		RSB40		Texas Instruments	TPS65023RSB

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<b>PCB Package</b>					
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<b>41</b>	<b>3</b> each	<b>102020-0009R</b>	PS	<b>IC,DBV6,SUPERVISORY CIRCUIT,.9V</b> MATL	U45, U48, U50
		DBV6		Texas Instruments	TPS3808G09DBVRG4
<b>51</b>	<b>1</b> each	<b>102201-2457R</b>	PS	<b>OSC,SMT,24.576 MHZ,3.3V</b> MATL	U39
		OSC-F4100A		Citizen America Corporation	CSX750FBC24.576000M-UT
<b>52</b>	<b>1</b> each	<b>100983-0050R</b>	PS	<b>OSC,SMT,50 MHZ</b> MATL	U42
		CB3LV		CTS Electronics Corporation	CB3LV-3C-50.0000-T
<b>61</b>	<b>2</b> each	<b>102109-0001R</b>	PS	<b>TRANSISTOR,SOT23,SWITCHING</b> MATL	Q1, Q2
		SOT23-NPN		Fairchild Semiconductor	FJV3109RMTF
<b>62</b>	<b>1</b> each	<b>101808-0006R</b>	PS	<b>TRANSORB,SMC,UNI-DIRECTIONAL,1500W,6V</b> MATL	D1
		SMC		Diodes, Inc.	SMCJ6.0A-13-F
<b>70</b>	<b>1</b> each	<b>101940-0032R</b>	PS	<b>CRYSTAL,SMT,32.768kHz</b> MATL	Y1
		SSP-T6		Seiko Instruments USA, Inc.	SSP-T6
<b>71</b>	<b>1</b> each	<b>101590-0240R</b>	PS	<b>CRYSTAL,SMT,6mm,24 MHZ</b> MATL	Y2
		ABM7		Citizen America Corporation	CS10-24.000MABJ-UT
<b>77</b>	<b>1</b> each	<b>100185-0001R</b>	PS	<b>DIODE,SOT23,SWITCHING</b> MATL	D21
		SOT23-B		Diodes, Inc.	BAS16-7-F
<b>78</b>	<b>9</b> each	<b>100823-0001R</b>	PS	<b>LED,SMT 1206,GREEN</b> MATL	DS1, DS2, DS3, DS4, DS5, DS6, DS7, DS8, DS9
		EIA1206D		LITEON	LTST-C150GKT
<b>80</b>	<b>2</b> each	<b>101858-1201R</b>	PS	<b>FERRITE BEAD,SMT 0603,120 OHM</b> MATL	L593, L594
		EIA0603		Murata Electronics	BLM18AG121SN1D
<b>82</b>	<b>17</b> each	<b>101228-2201R</b>	PS	<b>FERRITE BEAD,SMT 0805,220 OHMS</b> MATL	L1, L10, L11, L12, L13, L14, L19, L2, L20, L21, L22, L23, L5, L6, L7, L8, L9
		EIA0805		Murata Electronics	BLM21PG221SN1D
<b>83</b>	<b>1</b> each	<b>101126-0001R</b>	PS	<b>FERRITE BEAD,SMT 1806,75 OHMS</b> MATL	L15
		SMTIND		Murata Electronics	BLM41PG750SN1L

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84	6 each	102569-1470R NFM21	PS	FILTER,SMT 0805,EMI,.47uF,16V MATL	E1, E2, E3, E4, E6, E7
				Murata Electronics	NFM21PC474R1C3D
90	3 each	102747-0220R IND-VLCF4020	PS	INDUCTOR,SMT,2.2uH,+/-30% MATL	L16, L17, L18
				TDK Corporation	VLCF4020T-2R2N1R7
91	2 each	101584-0100R EIA0805	PS	INDUCTOR,SMT 0805,1uH MATL	L3, L4
				Associated Components Technology, Inc.	CI0805-1R0K-R
95	1 each	100872-0004R F-SMF-OMNI-BLOK	PS	FUSE,SMT,OMNI-BLOK,4A MATL	F1
				Littlefuse	154004T
100	2 each	100995-0471R EIA2816P	PS	CAP,TANT,SMT 2816,47uF,10V MATL	C214, C259
				Kemet Electronics Corporation	T491D476K010AT
101	4 each	101608-0102R EIA2816P	PS	CAP,TANT,SMT 2816,100uF,10V MATL	C14, C16, C203, C29
				Vishay Intertechnology	593D107X9010D2TE3
105	10 each	101953-0331R EIA1206P	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR MATL	C100, C101, C102, C103, C168, C169, C69, C70, C71, C72
				AVX Corporation	TPSA336K006R0600
106	24 each	101003-0101R EIA1206P	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL	C128, C13, C141, C150, C155, C162, C173, C174, C201, C202, C211, C212, C217, C220, C221, C227, C231, C234, C238, C240, C244, C260, C262, C28
				Kemet Electronics Corporation	T491A106M006AT
110	1 each	101056-0335R RAD400-400C	PS	CAP,GOLD,RADIAL, .33F,5.5V MATL	C607
				Panasonic	EECS0HD334H
115	2 each	101583-1102R EIA1812	PS	CAP,CER,SMT 1812,1000pF,X7R,2KV MATL	C226, C230
				AVX Corporation	1812GC102KAT1A
116	8 each	101064-0221R EIA1206	PS	CAP,CER,SMT 1206,22uF,10V MATL	C104, C105, C114, C115, C183, C236, C237, C241
				Taiyo Yuden	LMK316F226ZL-T

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120	1 each	101002-1224R EIA0603	PS	CAP,CER,SMT 0603,22pF,50V,+/-5%,NPO MATL Panasonic	C50 ECJ-1VC1H220J
121	3 each	100993-1223R EIA0603	PS	CAP,CER,SMT 0603,220pF,50V,+/-10%,X7R MATL AVX Corporation	C161, C167, C171 06035C221KAT2A
122	3 each	101007-0220R EIA0603	PS	CAP,CER,SMT 0603,2.2uF,6.3V,X5R,+/-10% MATL Panasonic	C242, C243, C245 ECJ-1VB0J225K
123	11 each	101007-0100R EIA0603	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% MATL Panasonic	C127, C133, C134, C135, C136, C160, C20, C24, C34, C38, C52 ECJ-1VB0J105K
124	5 each	101103-1184R EIA0603	PS	CAP,CER,SMT 0603,18pF,50V,+/-5%,NPO MATL Panasonic	C179, C46, C47, C48, C49 ECJ-1VC1H180J
125	4 each	101001-1104R EIA0603	PS	CAP,CER,SMT 0603,10pF,50V,+/-5pF,NPO MATL Panasonic	C129, C130, C131, C132 ECJ-1VC1H100D
126	6 each	101007-1470R EIA0603	PS	CAP,CER,SMT 0603,.47uF,6.3V,X5R,+/-10% MATL Panasonic	C178, C182, C185, C186, C192, C195 ECJ-1VB0J474K
127	9 each	101005-1220R EIA0603	PS	CAP,CER,SMT 0603,.22uF,10V,+/-10%,X5R MATL Panasonic	C176, C177, C180, C181, C190, C191, C193, C194, C27 ECJ-1VB1A224K
130	1 each	101782-1565R EIA0402	PS	CAP,CER,SMT 0402,5.6pF,50V,+/-25pF,NPO MATL Murata Electronics	C261 GJM1555C1H5R6CB01D

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131	147 each	101587-1100R	PS	CAP,CER,SMT 0402,.1uF,10V,+/-10%,X5R MATL	C1, C10, C106, C107, C108, C109, C11, C110, C111, C112, C113, C116, C117, C118, C119, C12, C120, C121, C122, C123, C124, C125, C126, C137, C138, C139, C142, C143, C145, C146, C147, C148, C149, C15, C151, C152, C153, C154, C156, C157, C158, C159, C163, C164, C165, C166, C170, C172, C175, C18, C184, C189, C2, C204, C205, C206, C207, C208, C209, C210, C213, C216, C219, C22, C222, C223, C224, C225, C228, C229, C232, C233, C235, C246, C247, C248, C249, C25, C250, C251, C252, C253, C254, C255, C256, C257, C258, C263, C264, C265, C266, C3, C30, C32, C36, C39, C4, C40, C41, C42, C43, C44, C5, C51, C54, C56, C57, C59, C6, C60, C61, C62, C63, C64, C65, C66, C67, C68, C7, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C9, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99
		EIA0402		Kemet Electronics Corporation	C0402C104K8PAC
132	15 each	101587-1101R	PS	CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R MATL	C140, C187, C188, C19, C196, C197, C198, C215, C23, C33, C37, C45, C53, C58, C8
		EIA0402		Kemet Electronics Corporation	C0402C103K4RAC
133	6 each	102058-1102R	PS	CAP,CER,SMT 0402,.001uF,50V,+/-10%,X7R MATL	C17, C21, C218, C31, C35, C55
		EIA0402		Kemet Electronics Corporation	C0402C102K5RAC

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PCB Package					
				Mfr Name	Mfr P/N
140	8 each	101069-1000R	PS	RES,NETWORK,SMT,16 PIN,8 RES,10 MATL	RN13, RN15, RN17, RN18, RN19, RN20, RN21, RN22
		EXB-2HVS	Panasonic		EXB-2HV100JV
142	6 each	101069-2200R	PS	RES,NETWORK,SMT,16 PIN,8 RES,22 MATL	RN10, RN11, RN12, RN14, RN16, RN9
		EXB-2HVS	Panasonic		EXB-2HV220JV
143	1 each	101327-1003R	PS	RES,NETWORK,SMT,8 PIN,4 RES,10K MATL	RN23
		EXB-28VS	Panasonic		EXB-28V103JX
144	1 each	101327-1002R	PS	RES,NETWORK,SMT,8 PIN,4 RES,1K MATL	RN24
		EXB-28VS	Panasonic		EXB-28V102JX
145	8 each	101327-2200R	PS	RES,NETWORK,SMT,8 PIN,4 RES,22 MATL	RN1, RN2, RN3, RN4, RN5, RN6, RN7, RN8
		EXB-28VS	Panasonic		EXB-28V220JX
150	30 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL	R104, R105, R108, R109, R141, R142, R15, R176, R177, R178, R190, R191, R217, R220, R221, R222, R229, R230, R231, R232, R250, R317, R343, R344, R347, R361, R380, R381, R382, R383
		EIA0402	Yageo		RC0402JR-070RL
151	1 each	101370-1502R	PS	RES,SMT 0402,1.5K,5%,1/16 WATT MATL	R58
		EIA0402	Yageo		RC0402JR-071K5L
152	4 each	101370-1000R	PS	RES,SMT 0402,10 OHM,5%,1/16 WATT MATL	R194, R195, R196, R197
		EIA0402	Yageo		RC0402JR-0710RL
153	6 each	101370-1001R	PS	RES,SMT 0402,100 OHM,5%,1/16 WATT MATL	R376, R377, R378, R379, R385, R386
		EIA0402	Yageo		RC0402JR-07100RL
154	2 each	101370-1004R	PS	RES,SMT 0402,100K,5%,1/16 WATT MATL	R52, R60
		EIA0402	Yageo		RC0402JR-07100KL

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155	48 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL	R101, R110, R111, R131, R132, R133, R134, R135, R136, R148, R149, R150, R167, R168, R169, R174, R175, R179, R189, R218, R219, R224, R273, R292, R325, R326, R331, R332, R338, R346, R349, R353, R363, R53, R56, R61, R62, R621, R622, R623, R624, R625, R626, R627, R628, R629, R630, R65 RC0402JR-0710KL
		EIA0402		Yageo	
156	12 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R22, R233, R289, R291, R293, R302, R303, R315, R319, R341, R369, R371 RC0402JR-071KL
		EIA0402		Yageo	
157	9 each	101370-2202R	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT MATL	R113, R114, R211, R225, R236, R40, R41, R42, R43 RC0402JR-072K2L
		EIA0402		Yageo	
158	21 each	101370-2003R	PS	RES,SMT 0402,20K,5%,1/16 WATT MATL	R126, R127, R128, R129, R130, R185, R186, R192, R193, R202, R215, R24, R25, R26, R35, R355, R37, R67, R70, R73, R81 ERJ-2GEJ203X
		EIA0402		Panasonic	
159	42 each	101370-2200R	PS	RES,SMT 0402,22 OHM,5%,1/16 WATT MATL	R1, R10, R11, R12, R14, R16, R209, R210, R27, R29, R30, R31, R32, R39, R4, R5, R6, R66, R69, R7, R72, R75, R76, R77, R78, R79, R8, R80, R82, R86, R87, R9, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99 RC0402JR-0722RL
		EIA0402		Yageo	
160	6 each	101370-2201R	PS	RES,SMT 0402,220 OHM,5%,1/16 WATT MATL	R234, R235, R239, R240, R368, R374 RC0402JR-07220RL
		EIA0402		Yageo	



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<b>161</b>	<b>40</b> each	<b>101370-2002R</b>	PS	<b>RES,SMT 0402,2K,5%,1/16 WATT</b> MATL	R121, R122, R123, R124, R125, R137, R151, R17, R18, R19, R20, R206, R207, R208, R248, R249, R253, R254, R259, R260, R263, R264, R269, R271, R275, R283, R284, R286, R3, R327, R384, R46, R47, R49, R50, R51, R83, R84, R88, R89
		EIA0402	Yageo		RC0402JR-072KL
<b>162</b>	<b>7</b> each	<b>101370-3300R</b>	PS	<b>RES,SMT 0402,33 OHM,5%,1/16 WATT</b> MATL	R112, R171, R345, R352, R354, R357, R358
		EIA0402	Yageo		RC0402JR-0733RL
<b>163</b>	<b>6</b> each	<b>101370-3301R</b>	PS	<b>RES,SMT 0402,330 OHM,5%,1/16 WATT</b> MATL	R144, R145, R146, R147, R184, R188
		EIA0402	Yageo		RC0402JR-07330RL
<b>164</b>	<b>9</b> each	<b>101370-3601R</b>	PS	<b>RES,SMT 0402,360 OHM,5%,1/16 WATT</b> MATL	R152, R153, R21, R23, R367, R370, R44, R45, R48
		EIA0402	Yageo		RC0402JR-07360RL
<b>165</b>	<b>1</b> each	<b>101370-4703R</b>	PS	<b>RES,SMT 0402,47K OHM,5%,1/16 WATT</b> MATL	R187
		EIA0402	Yageo		RC0402JR-0747KL
<b>170</b>	<b>2</b> each	<b>102145-2490R</b>	PS	<b>RES,SMT 0402,24.9 OHM,1%,1/16 WATT</b> MATL	R223, R375
		EIA0402	Panasonic		ERJ-2RKF24R9X
<b>171</b>	<b>7</b> each	<b>102145-1003R</b>	PS	<b>RES,SMT 0402,10K,1%,1/16 WATT</b> MATL	R213, R214, R226, R227, R348, R351, R356
		EIA0402	Yageo		RC0402FR-0710KL
<b>181</b>	<b>1</b> each	<b>100687-0100R</b>	PS	<b>RES,SMT 0603,1 OHM,5%,1/16 WATT</b> MATL	R212
		EIA0603	Panasonic		ERJ-3RQJ1R0V
<b>183</b>	<b>1</b> each	<b>100687-1501R</b>	PS	<b>RES,SMT 0603,150 OHM,5%,1/16 WATT</b> MATL	R173
		EIA0603	Panasonic		ERJ-3GEYJ151V
<b>185</b>	<b>4</b> each	<b>100687-5602R</b>	PS	<b>RES,SMT 0603,5.6K OHM,5%,1/16 WATT</b> MATL	R180, R181, R182, R183
		EIA0603	Panasonic		ERJ-3GEYJ562V
<b>186</b>	<b>10</b> each	<b>100687-5103R</b>	PS	<b>RES,SMT 0603,51K OHM,5%,1/16 WATT</b> MATL	R154, R155, R156, R157, R158, R159, R160, R161, R162, R163
		EIA0603	Panasonic		ERJ-3GEYJ513V

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PCB Package					
				Mfr Name	Mfr P/N
190	1 each	100642-1502R  EIA0603	PS	RES,SMT 0603,1.5K OHM,1%,1/16 WATT MATL	R172  Panasonic ERJ-3EKF1501V
191	2 each	100642-1001R  EIA0603	PS	RES,SMT 0603,100 OHM,1%,1/16 WATT MATL	R107, R290  Yageo RC0603FR-07100RL
192	1 each	100642-1503R  EIA0603	PS	RES,SMT 0603,15K OHM,1%,1/16 WATT MATL	R372  Panasonic ERJ-3EKF1502V
194	1 each	100642-2214R  EIA0603	PS	RES,SMT 0603,221K OHM,1%,1/16 WATT MATL	R373  Panasonic ERJ-3EKF2213V
197	1 each	100642-3012R  EIA0603	PS	RES,SMT 0603,3.01K OHM,1%,1/16 WATT MATL	R266  Panasonic ERJ-3EKF3011V
200	1 each	100642-4992R  EIA0603	PS	RES,SMT 0603,4.99K OHM,1%,1/16 WATT MATL	R350  Panasonic ERJ-3EKF4991V
201	13 each	100642-4990R  EIA0603	PS	RES,SMT 0603,49.9 OHM,1%,1/10 WATT MATL	R237, R238, R241, R242, R243, R304, R305, R306, R307, R308, R309, R310, R311 Panasonic ERJ-3EKF49R9V
210	8 each	102598-0002R  EIA1206	PS	RES,SMT 1206,.02 OHM,2%,1/2 WATT MATL	R100, R118, R119, R120, R55, R57, R63, R64 Susumu Co., Ltd. RL1632T-R020-G
215	7 each	100830-0025R  EIA2512	PS	RES,SMT 2512,.025 OHM,1%,1W MATL	R115, R116, R312, R313, R316, R318, R323 Vishay Intertechnology WSL2512R0250FEA
220	2 each	101184-0006R  SMTDIPSW6A	PS	SWITCH,DIP,SMT,HALF-PITCH,6 POS. MATL	SW2, SW5  C&K/Unimax, Inc. TDA06H0SB1R
221	1 each	100601-0001R  DPDTSW	PS	SWITCH,PWB,DPDT,3 AMP,RIGHT ANGLE MATL	SW6  C&K/Unimax, Inc. 7201MD9AQE
222	1 each	100584-0004R  SMTDIPSW8	PS	SWITCH,DIP,SMT,4 POS MATL	SW3  CTS Electronics Corporation 219-4LPSTRP
223	1 each	101215-0001R  101215	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm MATL	SW4  Panasonic EVQ9P105M

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<b>PCB Package</b>					
			<b>Mfr Name</b>		<b>Mfr P/N</b>
<b>224</b>	<b>1</b> each	<b>102181-0002R</b>	PS	<b>SWITCH,SMT,SLIDE,2 POLE,GULL WING</b> MATL	SW1
		CASD20TB		Copal Electronics	CAS-D20TB
<b>230</b>	<b>1</b> each	<b>101238-0001R</b>	PS	<b>CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm</b> MATL	J6
		RASM712		Switchcraft	RASM712TRP15X
<b>231</b>	<b>2</b> each	<b>101678-0001R</b>	PS	<b>CONN,RECEPTACLE,4 POS,RIGHT</b> MATL	J2, J3
		USBTYPEA		Tyco Electronics	292303-1
<b>235</b>	<b>1</b> each	<b>102772-0001</b>	PS	<b>SOCKET,GHz BGA,16x16,1mm,CONDUCTIVE</b> MATL	XU1
				Ironwood Electronics, Inc.	SG-BGA-6064
<b>236</b>	<b>1</b> each	<b>102798-0001</b>	PS	<b>SPACER,IC FRAME,USED ON SG-BGA-6064</b> MATL	XU1
				Ironwood Electronics, Inc.	P4424
<b>241</b>	<b>1</b> each	<b>101881-0020R</b>	PS	<b>CONN,SMT,RECEPTACLE,20x2,.8mm,HI-SPEED</b> MATL	P12
				Samtec, Inc.	QSE-020-01-L-D-A
<b>242</b>	<b>2</b> each	<b>101881-0040R</b>	PS	<b>CONN,SMT,RECEPTACLE,40x2,.8mm,HI-SPEED</b> MATL	P11, P13
		QSE-040-01		Samtec, Inc.	QSE-040-01-L-D-A
<b>243</b>	<b>2</b> each	<b>102166-0001R</b>	PS	<b>CONN,JACK,RJ45,INTEGRATED MAGNETICS</b> MATL	P10, P9
		HF11-2450E		HALO Electronics, Inc.	HFJ11-2450E-L21RL
<b>244</b>	<b>4</b> each	<b>101012-0001R</b>	PS	<b>CONN,SMT,JACK,STEREO,4 POS.,3.6mm</b> MATL	P3, P4, P5, P6
		ST-3500		Kycon, Inc.	STX-3500-4NTR
<b>245</b>	<b>1</b> each	<b>102710-0001R</b>	PS	<b>CONN,SMT,SD/MMC/RS-MMC</b> MATL	P2
		MHC-W21-601		Morethanall Co., Ltd.	MHC-W21-601
<b>246</b>	<b>1</b> each	<b>100558-0009R</b>	PS	<b>CONN,DB9,MALE,RIGHT ANGLE,318</b> MATL	P1
		DB9MR-1225X475		PI Manufacturing Corp.	2100-009P

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PCB Package					
			Mfr Name		Mfr P/N
<b>247</b>	<b>38</b> each	<b>100115-0001R</b>	PL	<b>HEADER,1 X 1,VERTICAL,PIN</b> SUBA	TP1, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP2, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP34, TP35, TP36, TP37, TP38, TP39, TP4, TP40, TP5, TP6, TP7, TP8, TP9
CON1					
<b>248</b>	<b>1</b> each	<b>100115-0002R</b>	PL	<b>HEADER,2 X 1,VERTICAL,PIN</b> SUBA	J1
CON2					
<b>249</b>	<b>1</b> each	<b>100116-0007R</b>	PL	<b>HEADER,7 X 2,VERTICAL,PIN</b> SUBA	J4
CON7X2					
<b>250</b>	<b>1</b> each	<b>100116-0010R</b>	PL	<b>HEADER,10 X 2,VERTICAL,PIN</b> SUBA	J5
CON10X2					
<b>260</b>	<b>15</b> each	<b>NO-POP</b>	PS	NP	P14, P15, P8, PTP1, PTP10, PTP2, PTP3, PTP4, PTP5, PTP6, PTP7, PTP8, PTP9, TP33, Y3
NO-POP					
<b>265</b>	<b>2</b> each	<b>C0603-NOPOP</b>	PS	NP	C199, C200
EIA0603					

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		PCB Package		Mfr Name	Mfr P/N
<b>270</b>	<b>90</b> each	<b>R0402-NOPOP</b>	PS	NP	R102, R103, R106, R117, R13, R138, R139, R140, R143, R164, R165, R166, R198, R199, R2, R200, R201, R203, R204, R205, R216, R228, R244, R245, R246, R247, R251, R252, R255, R256, R257, R258, R261, R262, R265, R267, R268, R270, R272, R274, R276, R277, R278, R279, R28, R280, R281, R282, R285, R287, R288, R294, R295, R296, R297, R298, R299, R300, R301, R314, R320, R321, R322, R324, R328, R329, R33, R330, R333, R334, R335, R336, R337, R339, R34, R340, R342, R359, R36, R360, R362, R364, R365, R38, R54, R59, R68, R71, R74, R85
EIA0402					
<b>280</b>	<b>1</b> each	<b>R0603-NOPOP</b>	PS	NP	R170
EIA0603					
<b>290</b>	<b>1</b> each	<b>R2512-NOPOP</b>	PS	NP	R366
EIA2512					
<b>300</b>	<b>3</b> each	<b>C0402-NOPOP</b>	PS	NP	C144, C239, C26
EIA0402					