

Parts List

511450-0001

ASSY,DM357 EVM
SUBA

Type	PL	PCB Package
Revision	A	ION Footprint
Status	U	Package Qty 1
Date	8/21/2008	Bin Loc. *
By		Product Class SUBA

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
PCB Package					Mfr P/N
1	1 each	511451-0001R	DWG A	PWB,DM357 EVM CSTM	
2	1 each	511452-0001	DOC A	LOGIC,DM357 EVM SCH	
5	1 each	102879-0001R	PS	IC,BGA361,DM357 DSP,.8mm MATL	U28 TMX320DM357ZWT
		BGA19X19ZWT			
6	1 each	102259-0005R	PS	IC,TQFP100,FPGA,240 GATES,MAX II,1.8V MATL	U14 EPM240GT100C5N
		TQFP100Z			
7	1 each	102235-0001R	PS	IC,SO8,SERIAL EEPROM,256K-BIT MATL Replaced 101025-0001R. Backwards compatible.	U34 CAT24C256WI-G
		SO8WN			
8	2 each	102085-0030R	PS	IC,BGA92,DDR2 SDRAM,1G,3nS MATL	U20, U32 MT47H64M16HR-3:E
		BGA21X9_92			
10	1 each	102172-0001R	PS	IC,BGA,NAND FLASH MEMORY,64M X 8 MATL	U6 K9F1208R0B-JIB0
		BGA63-8X6-.8MM-13			
11	1 each	101572-0001R	PS	IC,LQFP64,ETHERNET TRANSCEIVER MATL	U58 WJLXT971ALC.A4
		PQFP64PM			
12	1 each	101916-0001R	PS	IC,PQFP80,VIDEO DECODER,4 X 10 BIT MATL	U51 TVP5146PFFG4
		PQFP80-PFP			
13	1 each	102158-0001R	PS	IC,uBGA,STEREO AUDIO CODEC,LOW POWER MATL	U52 TLV320AIC33IZQER
		BGA9X9ZQE			
14	1 each	101657-0001R	PS	IC,TSSOP48,74CBTLV16210,20-BIT FET BUS MATL	U41 74CBTLV16210GRG4
		TSSOP48			
15	1 each	101862-0245R	PS	IC,TSSOP48,3.3V,16-BIT TRANSCEIVER MATL	U66 74AVCB164245VRE4
		DGV48			

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16	3 each	101338-0001R	PS	IC,TSSOP20,BUCK PWM MATL	U19, U27, U38 TPS54310PWPRG4
				PSOP20T	
17	1 each	101691-0001R	PS	IC,TSSOP16,RS-232 DRIVER/RECEIVER MATL	U64 MAX3221CPWRG4
				TSSOP16	
18	1 each	102659-0016R	PS	IC,TSOP48,NAND FLASH,16G,3.3V MATL	U67 MT29F16G08FAAWC:A
				TSOP48	
19	1 each	102174-0001R	PS	IC,TSOP28,MIXED SIGNAL MICROCONTROLLER MATL	U4 MSP430F1232IPWR
				TSSOP28	
25	1 each	102000-0001R	PS	IC,QSOP20,LOW VOLTAGE,QUICK SWITCH MATL	U53 74CBTLV3245APWRG4
				PSOP20PW	
27	1 each	102164-0001R	PS	IC,DBV6,OP AMP W/ SHUTDOWN MATL	U50 OPA357AIDBVRG4
				DBV6	
28	3 each	102020-0009R	PS	IC,DBV6,SUPERVISORY CIRCUIT,.9V MATL	U44, U45, U46 TPS3808G09DBVRG4
				DBV6	
29	2 each	102408-0001R	PS	IC,SO16,4-BIT DUAL SUPPLY BUS MATL	U69, U70 SN74AVC4T245PWRE4
				TSSOP16	
30	1 each	101647-0001R	PS	IC,SO5,REGULATOR,SHUNT,LOW-VOLTAGE,ADJ MATL	U39 TLV431ACDBVRG4
				DBV5	
31	2 each	102161-0125R	PS	IC,SO5,SINGLE BUS BUFFER GATE MATL	U56, U57 74AUC1G125DCKRE4
				DCK5	
32	1 each	102167-0001R	PS	IC,SO5,TRANSISTOR,DUAL MATL	U37 UMC2N
				DCK5	
33	2 each	102156-0001R	PS	IC,SO6,SINGLE-BIT DUAL-SUPPLY BUS MATL	U42, U43 SN74AVC1T45DCKRE4
				DCK6	
34	1 each	102810-0001R	PS	IC,SO8,POWER DISTRIBUTION MATL	U68 TPS2065DR
				SO8	

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35	1 each	101563-0001R	PS	IC,SO8,VCXO,27MHZ MATL	U54 PI6CX100-27WEX
		SO8			
36	3 each	102157-0001R	PS	IC,SOIC,REMOTE 8-BIT I/O EXPANDER FOR I2C MATL	U2, U18, U35 PCF8574ADWRG4
		SOL16			
37	1 each	102165-0001R	PS	IC,SSOP20,3.3V DUAL PLL MULTICLOCK MATL	U55 PLL1705DBQR
		DBQ20			
38	1 each	102162-0001R	PS	IC,SSOP8,DUAL BI-DIRECTIONAL I2C BUS AND MATL	U33 PCA9306DCTRE4
		SSOP8-DCT			
45	1 each	101940-0032R	PS	CRYSTAL,SMT,32.768kHz MATL	Y1 SSP-T6
		SSP-T6			
46	1 each	101590-0143R	PS	CRYSTAL,SMT,6mm,14.31818 MHZ MATL	Y4 CS10-14.31818MABJ-UT
		ABM7			
47	1 each	101590-0240R	PS	CRYSTAL,SMT,6mm,24 MHZ MATL	Y3 CS10-24.000MABJ-UT
		ABM7			
48	1 each	101590-0250R	PS	CRYSTAL,SMT,6mm,25 MHZ MATL	Y6 CS10-25.000MABJ-UT
		ABM7			
49	2 each	101590-0270R	PS	CRYSTAL,SMT,6mm,27 MHZ MATL	Y2, Y5 CS10-27.000MABJ-UT
		ABM7			
55	2 each	102159-0001R	PS	TRANSISTOR,SOT23,MOSFET,N-CHANNEL MATL	U31, U36 AO3404
		SOT23-FET			
56	1 each	101361-0001R	PS	TRANSISTOR,SOT23,NPN,FMMT3904 MATL	Q1 MMBT3904-7-F
		SOT23-NPN			
60	1 each	101808-0006R	PS	TRANSORB,SMC,UNI-DIRECTIONAL,1500W,6V MATL	D7 SMCJ6.0A-13-F
		SMC			
65	2 each	102170-0001R	PS	DIODE,SMT,SCHOTTKY BARRIER MATL	D3, D4 BAT17 T/R
		SOT23C			

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66	1 each	100185-0001R	PS	DIODE,SOT23,SWITCHING MATL	D5 BAS16-7-F
				SOT23-B	
70	10 each	100823-0001R	PS	LED,SMT 1206,GREEN MATL	DS1, DS2, DS3, DS4, DS5, DS6, DS7, DS8, DS10, DS9 LTST-C150GKT
				EIA1206D	
75	1 each	102171-0001R	PS	INFRARED RECEIVER,THRU-HOLE,40kHz MATL	U3 TSOP34840
				TSOP34840	
80	1 each	102222-0330R	PS	INDUCTOR,SMT,HIGH CURRENT,3.3uH,LOW MATL	L3 IHLP2525CZER3R3M01
				IHLP2525CZ	
81	2 each	101348-0270R	PS	INDUCTOR,SMT,2.7uH MATL	L8, L11 ELL-6RH2R7M
				ELL6	
82	2 each	102182-0121R	PS	INDUCTOR,SMT 1812,12uH,+/-5% MATL	L20, L27 1812LS-123XJLC
				EIA1812	
83	3 each	101584-0100R	PS	INDUCTOR,SMT 0805,1uH MATL	L36, L46, L47 CI0805-1R0K-R
				EIA0805	
84	1 each	101580-1002R	PS	INDUCTOR,SMT 0603,BEAD,1K OHM MATL	L31 EXC-3BB102H
				EIA0603	
85	6 each	101919-0270R	PS	INDUCTOR,SMT 0603,2.7uH,+/-10% MATL	L39, L40, L41, L42, L43, L44 MLF1608A2R7K
				EIA0603	
90	21 each	101228-2201R	PS	FERRITE BEAD,SMT 0805,220 OHMS MATL	L2, L6, L10, L13, L14, L15, L21, L22, L29, L45, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L30 BLM21PG221SN1D
				EIA0805	
91	12 each	101126-0001R	PS	FERRITE BEAD,SMT 1806,75 OHMS MATL	L1, L4, L7, L9, L12, L16, L23, L28, L32, L37, L38, L63 BLM41PG750SN1L
				SMTIND	
95	1 each	100872-0004R	PS	FUSE,SMT,OMNI-BLOK,4A MATL	F1 154004T
				F-SMF-OMNI-BLOK	
100	2 each	100995-0471R	PS	CAP,TANT,SMT 2816,47uF,10V MATL	C14, C77 T491D476K010AT
				EIA2816P	

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101	1 each	101008-0220R EIA2816P	PS	CAP,TANT,SMT 2816,220uF,10V MATL	C64 T491X227K010AT
102	2 each	101608-0102R EIA2816P	PS	CAP,TANT,SMT 2816,100uF,10V MATL	C133, C163 593D107X9010D2TE3
105	2 each	101953-0331R EIA1206P	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR MATL	C72, C73 TPSA336K006R0600
106	12 each	101003-0101R EIA1206P	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL	C1, C13, C10, C59, C60, C63, C65, C66, C70, C74, C75, C76 T491A106M006AT
110	5 each	101347-0102R EIA2816P	PS	CAP,POSCAP,SMT 2816,100uF MATL	C19, C32, C33, C50, C51 6TPC100M
112	4 each	101349-0102R EIA2220	PS	CAP,CER,SMT 2220,100uF,X5R,6.3V MATL	C20, C41, C52, C369 GRM55FR60J107KA01
115	4 each	101062-0101R EIA1210	PS	CAP,CER,SMT 1210,10uF,16V MATL	C24, C44, C54, C71 EMK325F106ZF-T
120	1 each	101694-0470R EIA1206	PS	CAP,CER,SMT 1206,4.7uF,16V,X5R MATL	C69 C1206C475K4PAC
121	12 each	101064-0221R EIA1206	PS	CAP,CER,SMT 1206,22uF,10V MATL	C18, C57, C27, C28, C29, C30, C31, C40, C47, C48, C49, C58 LMK316F226ZL-T
122	1 each	101002-1394R EIA0603	PS	CAP,CER,SMT 0603,39pF,50V,+/-5%,NPO MATL	C378 ECJ-1VC1H390J
125	2 each	100993-1822R EIA0603	PS	CAP,CER,SMT 0603,8200pF,50V,+/-10%,X7R MATL	C97, C123 ECJ-1VB1H822K
126	3 each	100993-6803R EIA0603	PS	CAP,CER,SMT 0603,680pF,50V,+/-10%,X7R MATL	C325, C340, C344 06035C681KAT2A
127	1 each	100993-1563R EIA0603	PS	CAP,CER,SMT 0603,560pF,50V,+/-10%,X7R MATL	C42 06035C561KAT2A

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128	2 each	100993-1473R EIA0603	PS	CAP,CER,SMT 0603,470pF,50V,+/-10%,X7R MATL	C22, C35 06035C471KAT2A
129	2 each	101637-1334R EIA0603	PS	CAP,CER,SMT 0603,33pF,100V,+/-5%,NPO MATL	C292, C349 ECJ-1VC2A330J
130	6 each	100993-3303R EIA0603	PS	CAP,CER,SMT 0603,330pF,50V,+/-10%,X7R MATL	C326, C332, C338, C342, C367, C368 06035C331KAT2A
131	3 each	100993-1332R EIA0603	PS	CAP,CER,SMT 0603,3300pF,50V,+/-10%,X7R MATL	C23, C36, C43 06035C332KAT2A
132	1 each	101103-1274R EIA0603	PS	CAP,CER,SMT 0603,27pF,50V,+/-5%,NPO MATL	C251 ECJ-1VC1H270J
133	2 each	100993-1273R EIA0603	PS	CAP,CER,SMT 0603,270pF,50V,+/-10%,X7R MATL	C260, C304 06035C271KAT2A
134	4 each	100993-1223R EIA0603	PS	CAP,CER,SMT 0603,220pF,50V,+/-10%,X7R MATL	C317, C365, C366, C379 06035C221KAT2A
135	1 each	101007-0220R EIA0603	PS	CAP,CER,SMT 0603,2.2uF,6.3V,X5R,+/-10% MATL	C376 ECJ-1VB0J225K
136	10 each	101007-0100R EIA0603	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% MATL	C147, C190, C206, C235, C236, C276, C296, C298, C299, C302 ECJ-1VB0J105K
137	4 each	101103-1184R EIA0603	PS	CAP,CER,SMT 0603,18pF,50V,+/-5%,NPO MATL	C139, C144, C229, C228 ECJ-1VC1H180J
138	9 each	101001-1104R EIA0603	PS	CAP,CER,SMT 0603,10pF,50V,+/-5pF,NPO MATL	C248, C264, C294, C295, C297, C300, C312, C353, C354 ECJ-1VC1H100D
139	1 each	101236-1103R EIA0603	PS	CAP,CER,SMT 0603,100pF,5%,NPO MATL	C273 VJ0603A101JXA
140	1 each	101005-1220R EIA0603	PS	CAP,CER,SMT 0603,.22uF,10V,+/-10%,X5R MATL	C216 ECJ-1VB1A224K

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PCB Package					Mfr P/N
141	3 each	100994-1471R EIA0603	PS	CAP,CER,SMT 0603,.047uF,16V,+/-10%,X7R MATL	C21, C34, C53 ECJ-1VB1C473K
142	3 each	100994-1391R EIA0603	PS	CAP,CER,SMT 0603,.039uF,16V,+/-10%,X7R MATL	C26, C38, C46 ECJ-1VB1C393K
143	7 each	100993-1102R EIA0603	PS	CAP,CER,SMT 0603,.001uF,50V,+/-10%,X7R MATL	C98, C124, C137, C161, C191, C231, C233 06035C102KAT2A

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		PCB Package			Mfr P/N
145	177 each	101587-1100R	PS	CAP,CER,SMT 0402, .1uF,10V,+/-10%,X5R MATL	C25, C37, C39, C45, C55, C56, C61, C62, C67, C68, C85, C96, C104, C107, C108, C109, C111, C113, C115, C122, C126, C128, C129, C131, C134, C135, C136, C138, C143, C145, C146, C149, C150, C151, C152, C153, C154, C155, C156, C157, C158, C162, C167, C168, C169, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C194, C195, C199, C200, C201, C202, C203, C204, C205, C208, C209, C210, C212, C213, C214, C215, C217, C218, C219, C220, C221, C222, C223, C224, C225, C238, C240, C242, C250, C256, C265, C266, C267, C268, C269, C270, C272, C274, C283, C284, C285, C286, C287, C288, C290, C291, C311, C327, C329, C330, C331, C334, C335, C336, C337, C341, C345, C346, C347, C348, C352, C78, C79, C83, C84, C92, C93, C100, C141, C193, C226, C227, C230, C232, C234, C243, C244, C245, C246, C247, C249, C252, C253, C254, C258, C259, C261, C262, C275, C277, C278, C279, C280, C281, C282, C289, C301, C303, C305, C314, C315, C316, C318, C319, C320, C321, C322, C323, C324, C328, C333, C339, C343, C293, C375, C377

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EIA0402					C0402C104K8PAC
146	6 each	101587-1101R	PS	CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R MATL	C159, C207, C211, C255, C257, C263
EIA0402					C0402C103K4RAC
150	5 each	101069-1000R	PS	RES,NETWORK,SMT,16 PIN,8 RES,10 MATL	RN2, RN3, RN7, RN8, RN9
EXB-2HVS					EXB-2HV100JV
151	1 each	101069-1003R	PS	RES,NETWORK,SMT,16 PIN,8 RES,10K MATL	RN22
EXB-2HVS					EXB-2HV103JV
152	1 each	101069-1002R	PS	RES,NETWORK,SMT,16 PIN,8 RES,1K MATL	RN29
EXB-2HVS					EXB-2HV102JV
153	5 each	101069-3300R	PS	RES,NETWORK,SMT,16 PIN,8 RES,33 MATL	RN18, RN21, RN33, RN34, RN35
EXB-2HVS					EXB-2HV330JV
154	3 each	101327-1003R	PS	RES,NETWORK,SMT,8 PIN,4 RES,10K MATL	RN36, RN24, RN25
EXB-28VS					EXB-28V103JX
155	3 each	101327-2200R	PS	RES,NETWORK,SMT,8 PIN,4 RES,22 MATL	RN14, RN15, RN16
EXB-28VS					EXB-28V220JX
156	1 each	101327-3300R	PS	RES,NETWORK,SMT,8 PIN,4 RES,33 MATL	RN32
EXB-28VS					EXB-28V330JX
157	13 each	101327-4700R	PS	RES,NETWORK,SMT,8 PIN,4 RES,47 MATL	RN5, RN6, RN10, RN11, RN12, RN13, RN17, RN19, RN20, RN26, RN27, RN30, RN31
EXB-28VS					EXB-28V470JX
170	35 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL	R445, R429, R202, R87, R89, R98, R99, R103, R165, R177, R189, R192, R218, R226, R231, R237, R243, R248, R256, R257, R273, R274, R289, R302, R321, R323, R336, R356, R423, R151, R152, R433, R434, R435, R436
EIA0402					RC0402JR-070RL
171	8 each	101370-1000R	PS	RES,SMT 0402,10 OHM,5%,1/16 WATT MATL	R310, R312, R314, R315, R316, R317, R320, R357
EIA0402					RC0402JR-0710RL

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172	1 each	101370-1001R	PS	RES,SMT 0402,100 OHM,5%,1/16 WATT MATL	R213 RC0402JR-07100RL
		EIA0402			
173	3 each	101370-1004R	PS	RES,SMT 0402,100K,5%,1/16 WATT MATL	R303, R332, R377 RC0402JR-07100KL
		EIA0402			
174	53 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL	R442, R447, R438, R439, R380, R1, R82, R430, R2, R74, R131, R135, R140, R141, R186, R191, R209, R217, R227, R246, R247, R249, R250, R251, R252, R253, R254, R264, R278, R279, R282, R283, R285, R287, R296, R298, R299, R300, R308, R318, R322, R324, R354, R355, R373, R395, R407, R410, R424, R105, R431, R432, R437 RC0402JR-0710KL
		EIA0402			
175	10 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R440, R441, R171, R229, R230, R242, R255, R269, R307, R340 RC0402JR-071KL
		EIA0402			
176	7 each	101370-2202R	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT MATL	R223, R83, R84, R211, R212, R214, R215 RC0402JR-072K2L
		EIA0402			
177	9 each	101370-2003R	PS	RES,SMT 0402,20K,5%,1/16 WATT MATL	R85, R86, R311, R313, R319, R367, R382, R383, R384 ERJ-2GEJ203X
		EIA0402			
178	29 each	101370-2200R	PS	RES,SMT 0402,22 OHM,5%,1/16 WATT MATL	R167, R168, R169, R170, R172, R173, R174, R175, R179, R180, R194, R195, R196, R197, R198, R199, R200, R201, R203, R216, R232, R233, R234, R236, R261, R262, R266, R331, R335 RC0402JR-0722RL
		EIA0402			
179	2 each	101370-3300R	PS	RES,SMT 0402,33 OHM,5%,1/16 WATT MATL	R448, R449 RC0402JR-0733RL
		EIA0402			

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180	17 each	101370-3300R	PS	RES,SMT 0402,33 OHM,5%,1/16 WATT MATL	R446, R132, R88, R95, R93, R94, R90, R91, R92, R245, R290, R291, R292, R297, R365, R366, R369 RC0402JR-0733RL
		EIA0402			
181	4 each	101370-3601R	PS	RES,SMT 0402,360 OHM,5%,1/16 WATT MATL	R64, R222, R259, R309 RC0402JR-07360RL
		EIA0402			
182	11 each	101370-4700R	PS	RES,SMT 0402,47 OHM,5%,1/16 WATT MATL	R32, R33, R41, R51, R52, R181, R182, R205, R206, R220, R221 RC0402JR-0747RL
		EIA0402			
183	2 each	101370-4703R	PS	RES,SMT 0402,47K OHM,5%,1/16 WATT MATL	R104, R370 RC0402JR-0747KL
		EIA0402			
190	2 each	102145-1002R	PS	RES,SMT 0402,1K,1%,1/16 WATT MATL	R207, R208 RC0402FR-071KL
		EIA0402			
195	1 each	100687-1001R	PS	RES,SMT 0603,100 OHM,5%,1/16 WATT MATL	R75 ERJ-3GEYJ101V
		EIA0603			
196	1 each	100687-1004R	PS	RES,SMT 0603,100K OHM,5%,1/16 WATT MATL	R188 RC0603JR-07100KL
		EIA0603			
197	2 each	100687-1003R	PS	RES,SMT 0603,10K OHM,5%,1/16 WATT MATL	R190, R193 RC0603JR-0710KL
		EIA0603			
198	1 each	100687-1002R	PS	RES,SMT 0603,1K OHM,5%,1/16 WATT MATL	R161 RC0603JR-071KL
		EIA0603			
199	2 each	100687-2202R	PS	RES,SMT 0603,2.2K OHM,5%,1/16 WATT MATL	R304, R334 ERJ-3GEYJ222V
		EIA0603			
201	2 each	100687-2001R	PS	RES,SMT 0603,200 OHM,5%,1/16 WATT MATL	R204, R219 ERJ-3GSYJ201V
		EIA0603			
202	11 each	100687-3301R	PS	RES,SMT 0603,330 OHM,5%,1/16 WATT MATL	R65, R66, R67, R68, R69, R70, R71, R72, R76, R371, R372 ERJ-3GEYJ331V
		EIA0603			
203	2 each	100687-4702R	PS	RES,SMT 0603,4.7K OHM,5%,1/16 WATT MATL	R265, R333 RC0603JR-074K7L
		EIA0603			

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204	4 each	100687-5602R EIA0603	PS	RES,SMT 0603,5.6K OHM,5%,1/16 WATT MATL	R385, R386, R387, R388 ERJ-3GEYJ562V
205	8 each	100687-5103R EIA0603	PS	RES,SMT 0603,51K OHM,5%,1/16 WATT MATL	R73, R108, R117, R120, R122, R123, R124, R126 ERJ-3GEYJ513V
210	1 each	100642-1302R EIA0603	PS	RES,SMT 0603,1.3K OHM,1%,1/16 WATT MATL	R339 ERJ-3EKF1301V
211	2 each	100642-1502R EIA0603	PS	RES,SMT 0603,1.5K OHM,1%,1/16 WATT MATL	R280, R337 ERJ-3EKF1501V
212	1 each	100642-1652R EIA0603	PS	RES,SMT 0603,1.65K OHM,1%,1/16 WATT MATL	R185 ERJ-3EKF1651V
213	1 each	100642-1023R EIA0603	PS	RES,SMT 0603,10.2K OHM,1%,1/16 WATT MATL	R39 ERJ-3EKF1022V
214	3 each	100642-1001R EIA0603	PS	RES,SMT 0603,100 OHM,1%,1/16 WATT MATL	R275, R276, R277 RC0603FR-07100RL
215	3 each	100642-1071R EIA0603	PS	RES,SMT 0603,107 OHM,1%,1/16 WATT MATL	R128, R145, R183 ERJ-3EKF1070V
216	3 each	100642-1003R EIA0603	PS	RES,SMT 0603,10K OHM,1%,1/16 WATT MATL	R129, R146, R184 ERJ-3EKF1002V
217	2 each	100642-2213R EIA0603	PS	RES,SMT 0603,22.1K OHM,1%,1/16 WATT MATL	R284, R305 ERJ-3EKF2212V
218	1 each	100642-2211R EIA0603	PS	RES,SMT 0603,221 OHM,1%,1/16 WATT MATL	R100 ERJ-3EKF2210V
219	1 each	100642-2671R EIA0603	PS	RES,SMT 0603,267 OHM,1%,1/16 WATT MATL	R341 ERJ-3EKF2670V
220	1 each	100642-2803R EIA0603	PS	RES,SMT 0603,28K OHM,1%,1/16 WATT MATL	R49 ERJ-3EKF2802V

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221	4 each	100642-2002R EIA0603	PS	RES,SMT 0603,2K OHM,1%,1/16 WATT MATL	R130, R147, R329, R330 RC0603FR-072KL
222	1 each	100642-3742R EIA0603	PS	RES,SMT 0603,3.74K OHM,1%,1/16 WATT MATL	R30 ERJ-3EKF3741V
223	1 each	100642-4022R EIA0603	PS	RES,SMT 0603,4.02K OHM,1%,1/16 WATT MATL	R239 ERJ-3EKF4021V
224	1 each	100642-4992R EIA0603	PS	RES,SMT 0603,4.99K OHM,1%,1/16 WATT MATL	R240 ERJ-3EKF4991V
225	2 each	100642-4990R EIA0603	PS	RES,SMT 0603,49.9 OHM,1%,1/10 WATT MATL	R288, R358 ERJ-3EKF49R9V
226	1 each	100642-7502R EIA0603	PS	RES,SMT 0603,7.5K OHM,1%,1/16 WATT MATL	R241 ERJ-3EKF7501V
227	3 each	100642-7153R EIA0603	PS	RES,SMT 0603,71.5K OHM,1%,1/16 WATT MATL	R31, R40, R50 ERJ-3EKF7152V
228	5 each	100642-7500R EIA0603	PS	RES,SMT 0603,75 OHM,1%,1/16 WATT MATL	R338, R374, R375, R376, R450 ERJ-3EKF75R0V
230	6 each	102178-0022R EIA0805	PS	RES,SMT 0805,.22 OHM,1%,1/8 WATT MATL	R35, R53, R60, R61, R62, R63 ERJ-6RQFR22V
235	7 each	100830-0025R EIA2512	PS	RES,SMT 2512,.025 OHM,1%,1W MATL	R29, R36, R37, R38, R42, R54, R59 WSL2512R0250FEA
240	1 each	102181-0002R CASD20TB	PS	SWITCH,SMT,SLIDE,2 POSITION,GULL WING MATL	S1 CAS-D20TB
241	1 each	101215-0001R 101215	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm MATL	S4 EVQ9P105M
242	1 each	100601-0001R DPDTSW	PS	SWITCH,PWB,DPDT,3 AMP,RIGHT ANGLE MATL	SW1 7201MD9AQE

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243	1 each	101184-0002R	PS	SWITCH,DIP,SMT,HALF-PITCH,2 POS. MATL	S5 TDA02H0SB1R
		SMTDIPSW2A			
244	1 each	101184-0010R	PS	SWITCH,DIP,SMT,HALF-PITCH,10 POS. MATL	S3 TDA10H0SB1R
		SMTDIPSW10A			
250	1 each	100062-0001R	PS	BATTERY HOLDER,.796 IN,1 CELL MATL	BHT1 106
		BATT2C1100			
255	1 each	100558-0009R	PS	CONN,DB9,MALE,RIGHT ANGLE,.318 MATL	P6 2100-009P
		DB9MR-1225X475			
256	1 each	102166-0001R	PS	CONN,JACK,RJ45,INTEGRATED MAGNETICS MATL	P2 HFJ11-2450E-L21RL
		HF11-2450E			
257	1 each	100677-0004R	PS	CONN,MINI-DIN,FEMALE,4 POS. MATL	J11 5749181-1
		749181-1			
258	1 each	102184-0001R	PS	CONN,PHONO JACK,SINGLE COLUMN/DOUBLE MATL	P5 KLP42X-60-R/W
		KLP42-60			
259	2 each	100616-0001R	PS	CONN,RCA,RIGHT ANGLE,RL844,BLACK MATL	J8, J12 SJ-0844
		RCA844			
260	1 each	101238-0001R	PS	CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm MATL	J14 RASM712TRP15X
		RASM712			
261	1 each	101012-0001R	PS	CONN,SMT,JACK,STEREO,4 POS.,3.6mm MATL	P4 STX-3500-4NTR
		ST-3500			
262	1 each	101956-0001R	PS	CONN,SMT,RECEPTACLE,5 POS,RIGHT MATL	J10 MUSB-05-S-AB-SM-A-R-K-TR
		440247			
263	1 each	102773-0001R	PS	CONN,SMT,RECEPTACLE,SECURE MATL	J3 FPS009-2305-0
		YAM-FPS009-2305			
264	1 each	100562-0015R	PS	CONN,SMT,VERTICAL,RECEPTACLE,15X2 MATL	DC3 SFM-115-02-S-D-LC
		SMTCON15X2A			

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265	1 each	100562-0020R	PS	CONN,SMT,VERTICAL,RECEPTACLE,20X2 MATL	DC2
		SMTCON20X2A			SFM-120-02-S-D-LC
266	2 each	100562-0025R	PS	CONN,SMT,VERTICAL,RECEPTACLE,25X2 MATL	DC4, DC5
		SMTCON25X2A			SFM-125-02-S-D-LC
267	1 each	100562-0035R	PS	CONN,SMT,VERTICAL,RECEPTACLE,35X2 MATL	DC1
		SMTCON35X2A			SFM-135-02-S-D-LC
268	3 each	100562-0005R	PS	CONN,SMT,VERTICAL,RECEPTACLE,5X2 MATL 57 per tube, 675 per reel	DC6, DC7, J17
		SMTCON5X2A			SFM-105-02-S-D-A-K-TR
269	1 each	101577-0001R	PS	CONN,STEREO JACK,DUAL,3.5mm MATL	P3
		SJD3510			SJD-3510-33
280	77 each	100115-0001R	PL	HEADER,1 X 1,VERTICAL,PIN SUBA	X1, TP1, X2, TP2, X3, TP3, X4, TP4, X5, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP40, TP41, TP42, TP43, TP44, TP45, TP46, TP47, TP48, TP49, TP50, TP51, TP52, TP53, TP54, TP55, TP56, TP57, TP59, TP60, TP61, TP62, TP63, TP64, TP65, TP66, TP67, TP68, TP69, TP70, TP71, TP72, TP58
		CON1			
281	1 each	100115-0002R	PL	HEADER,2 X 1,VERTICAL,PIN SUBA	J6
		CON2			
282	2 each	100115-0003R	PL	HEADER,3 X 1,VERTICAL,PIN SUBA	J7, J9
		CON3			

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285	1 each	100116-0002R	PL	HEADER,2 X 2,VERTICAL,PIN SUBA	J4
		CON2X2			
286	1 each	100545-0006R	PL	HEADER,6 X 2,VERTICAL,2mm SUBA	JP1
		CON7X2-2MM			
287	2 each	100116-0007R	PL	HEADER,7 X 2,VERTICAL,PIN SUBA	J13, J2
		CON7X2			
288	1 each	100116-0010R	PL	HEADER,10 X 2,VERTICAL,PIN SUBA	J15
		CON10X2			
290	2 each	100546-0008R	PL	HEADER,8 X 1,VERTICAL,2mm SUBA	J18, J19
		CON8-2MM			
295	1 each	101606-0048R	PS	SOCKET,TSOP48,ZIF,DUAL HINGE MATL	XU67
		TSOP48SMTSOCKET			980020-48-P2-K
300	7 each	C0402-NOPOP	PS	NP	C99, C142, C160, C196, C237, C239, C241
		EIA0402			
305	33 each	R0402-NOPOP	PS	NP	R381, R443, R444, R81, R96, R97, R113, R118, R119, R125, R139, R176, R178, R187, R225, R228, R235, R238, R244, R258, R263, R293, R294, R295, R301, R325, R326, R368, R260, R281, R286, R327, R328
		EIA0402			
310	5 each	C0603-NOPOP	PS	NP	C140, C148, C271, C310, C192
		EIA0603			
315	8 each	R0603-NOPOP	PS	NP	R159, R160, R162, R163, R164, R210, R267, R268
		EIA0603			
316	1 each	R0805-NOPOP	PS	NP	R34
		EIA0805			

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		PCB Package			Mfr P/N
320	16 each	NO-POP	PS	NP	U12, U40, C102, C125, C127, C130, C132, L5, L62, RN28, R389, Z1, Z2, Z3, Z4, Z5
		NO-POP			