

Item Number	Quantity	Part Reference	Value	Description	Manufacturer	Manufacturer Part Number	Speed
1	3	C1,C7,C17	10uF	CAP 10uF	AVX CORP	1206YD10K	1350827
2	5	C2,C4,C8,C9,C10	0.015UF	CAP-0402	MATSUSHITA	ECJ0EB1C	1155580
3	25	C3,C5,C10,C10	0.1UF	CAP-0402	KEMET EL	C0402C10	1355907
4	1	C6	.01UF	CAP-0402	KEMET EL	C0402C10	1393944
5	1	C18	100PF	CAP-0603	KEMET EL	C0603C10	1355874
6	1	C19	10uf	CAP 0805	AVX	08056D10K	1389602
7	1	C20	1.0uF	CAP-0805	MURATA	GRM21BR	1352722
8	3	C22,C29,C67	0.47UF	CAP-0805	KEMET EL	C0805C47	1355507
9	5	C25,C27,C28	0.01UF	CAP-0603	Kemet	C0603C10	1342700
10	2	C30,C66	22PF	CAP-0402	AVX CORP	04025A22C	1391757
11	2	C31,C65	2.2UF	CAP-0603	AVX CORP	06036C22F	1377986
12	1	C37	2.7PF	CAP-0402	KEMET EL	C0402C27	1310770
13	1	C38	3PF	TVS 0403	AVX CORP	VC04AG1E	1385806
14	39	C40-C43,C47	NI	CAP-0402	KEMET EL	C0402C10	1228664
15	2	C69,C70	47uF	CAP-1210	Murata	GRM32ER	1394443
16	1	D1	13V	IC, ZEN DI ON	SEMIC	1SMA13A1	1393774
17	3	D2,D3,D12	BAV70WT	IC-SC70 D ON	SEMI	BAV70WT	1394121
18	1	D4	3W	IC, ZEN DI ON	SEMIC	1SMB5915	1393772
19	3	D5-D7	MMBD700	DIODE, SV ON	SEMIC	MMBD700	1358886
20	4	D8-D11	MMBD914	DIODE-SO ON	SEMIC	MMBD914	1356197
21	1	DS1	LED	LED-TH R/	KINGBRIG	WP130WC	1348407
22	1	DS2	LED	LED-TH R/	KINGBRIG	WP130WD	1398691
23	1	DWG	1394070				1394070
24	1	J1	98	Fingers for		conn_pci_1	
25	2	J2,J3	QMA	CONN, QM	HUBER+SUHNER	QMA-5	1391389
26	1	J4	Conn ra 12	HEADER-1M	Molex	39522-101	1394102
27	4	K1-K4	SPFT	REL, SIG, I	TYCO ELE	4-1462037	1392881
28	3	L1-L3	Ferrite	BEAD, FEF	murata	BLM18AG1	1176788
29	1	L5	3.3NH	IND-0402	COILCRAFT	0402CS-3M	1388213
30	16	L10-L21,L23,L	Ferrite	FLTR-1206	muRata	BLM31P50	1117105
31	2	L22,L25	Z600 25%	FERRITE F	FAIR-RITE	250603601	1172720
32	1	L28	700 4A	CHOKER-C	Pulse	P0469	1315815
33	2	LB1,LB2	1166551	LABEL BLA			1166551
34	2	P1,P2	HDR2x3	HDR-Sldr F	SAMTEC	HTSW-103-C	1094083
35	1	PCB	1419848				1419848
36	10	PD1-PD10	Pad32_01	ThruHole F		PTH_32C1	
37	7	Q1-Q3,Q6-Q9	NPN3904	XSTR-SOT ON	SEMIC	MMBT3904	1356245
38	2	Q4,Q5	MOSFET_I	IC-N/CHAN	Fairchild	SDT3055L	1390876
39	2	R1,R10	0.025 ohm	RES-2512	VISHAY D	WSL2512F	1393765
40	4	R2,R11,R40,R	10.0OHM	RES-0402	KOA SPEER	RK73H1ET	1350533
41	6	R3,R5,R12,R1	100.0	RES-0402	KOA SPEER	RK73H1ET	1350540
42	1	R4	59.0K	RES-0402	KOA SPEER	RK73H1ET	1391357
43	27	R6-R8,R13,R1	10K	RES-0603	VISHAY D	CRCW0603	1340338
44	1	R16	2.67K	RES-0402	KOA SPEER	RK73H1ET	1393597
45	1	R21	715 ohm	RES-0603	KOA SPEER	RK73H1JT	1397937
46	4	R22,R23,R85	10	RES-0603	KOA SPEER	RK73Z1JT	1351727
47	3	R24,R42,R46	64.9	RES-0402	KOA SPEER	RK73H1ET	1379707

48	1 R25	4.99K	RES, 4.99K KOA SPEER RK73H1JT	1352001	
49	6 R26,R27,R30,	1K	RES-0603 VISHAY D/CRCW0603	1340329	
50	1 R28	1.69k	RES 0603 KOA SPEER RK73H1JT	1379789	
51	1 R29	143	RES, 143K KOA SPEER RK73H1ET	1404789	
52	1 R31	1M	RES 0603 KOA SPEER RK73H1JT	1334193	
53	1 R32	287OHM	RES-0402 KOA SPEER RK73H1ET	1390429	
54	2 R34,R41	35.7	RES-0402 KOA SPEER RK73H1ET	1350535	
55	5 R38,R62,R70,	51.1K	RES-0402 KOA SPEER RK73H1ET	1387872	
56	2 R39,R91	30.1K	RES-0402 KOA SPEER RK73H1ET	1387866	
57	2 R51,R55	4.7K	RES-0603 KOA SPEER RK73H1JT	1377332	
58	4 R61,R66,R74,	5.49k	RES-0603 KAO RK73H1JT	1377349	
59	1 R83	768 OHM	RES-0603 KOA SPEER RK73H1JT	1398233	
60	1 R84	3.24K OHM	RES-0603 KOA SPEER RK73H1JT	1398234	
61	1 R85	3.57M	RES-0603 KOA SPEER RK73H1JT	1405913	
62	1 R86	191K OHM	RES-0603 KOA SPEER RK73H1JT	1398236	
63	1 R87	182K OHM	RES-0603 KOA SPEER RK73H1JT	1398238	
64	1 R93	56.2K	RES-0402 KOA SPEER RK73H1ET	1401445	
65	4 R842-R845	10 MEG	RES-0805 KOA SPEER RK73H2AT	1355203	
66	3 R848-R850	100k	RES-0603 KOA SPEER RK73H1JT	1352705	
67	1 SCH	1394069		1394069	
68	1 SPC1	1317235	LABEL SPI	1317235	
69	1 SPC2	1317237	LABEL SPI	1317237	
70	4 TP1-TP4	TP1	CONN HDI SAMTEC TSW-150-C	1383210	
71	2 U1,U4	NTLJS411	IC, PWR, MON SEMIC NTLJS411	1393596	
72	1 U15	MC74LCX7	IC - TSSOP ON SEMIC MC74LCX7	1319551	2.5Ns
73	2 U2,U5	LTC4210-1	IC, HOT S/LINEAR TELTC4210-1	1393584	
74	1 U3	M74VHC1	IC-SC70-5 ON SEMIC M74VHC1	1394109	
75	1 U6	LM2903	IC, VOLT CON SEMIC LM2903DG	1359453	
76	1 U7	2_INPUT_I	IC TINYLO FAIRCHILD NC7SZ02M	1363285	
77	3 U8,U13,U16	MC74VHC	IC, SOT23, ON SEMIC MC74VHC	1329670	
78	1 U9	TPS78601	IC- REG LC TEXAS IN TPS78601	1356558	
79	1 U10	MC74LVX2	IC, MUX, Q On Semico MC74LVX2	1403239	
80	1 U11	IC-LVDS T	IC- BUS L\ NATIONAL DS92LV01	1356394	
81	2 U12,U24	TPS73001	REG VOLT TI TPS73001	1385973	
82	1 U19	ADT7476	IC, FAN C\ ANALOG L ADT7476A	1390290	
83	1 U20	PCA9535P	IC-SMBUS PHILIPS S PCA9535P	1388720	
84	1 U21	256x8	IC-EEPROM ATMEL CCAT24C02B	1400959	
85	1 U22	TPS715	IC-VOLT, L TEXAS IN TPS71501	1398244	
86	1 U23	MAX3232E	IC, RS-232 MAXIM IN MAX3232E	1329671	
87	1 U27	40MHz	OSC- TCX\ VECTRON VTD3-J05E	1401438	

RoHS	Pkg
green	SM1206
green	SMT0402
green	SMT0402
green	SMT0402
green	SMT0603
green	SM0805
green	0805
green	SMT0805
green	0603 SMT
green	SMT0402
green	SMT0603
green	SMT0402
green	0402
green	SMT0402
green	1210
green	SMA
green	
green	SMB
green	Smt Sot23
green	Sot23
green	TH
green	TH
green	
yellow	
green	
green	SMT
green	SM 0603
green	SMT0402
yellow	Smt 1206
green	0603
green	SMT 7060_4
green	
green	
green	Via Pad
green	Sot23
green	SOT223
green	2512
green	0402
green	SMT0402
green	0402
green	SMT 0603
green	0402
green	0603
green	SM0603
green	SMT0402

green	SM0603
green	0603
green	SMT0603
yellow	SMT0402
green	SM0603
green	0402
green	SMT0402
green	0402
green	0402
yellow	SMT0603
green	SMT0603
green	0603
green	0603
green	SM0603
green	0603
green	0603
yellow	SMT0402
green	SMT0805
green	SMT0603

green	
green	
green	
green	
green	TSSOP14
green	
green	
green	SO8
green	SOT23_5
green	SOT23_5
green	SMT
yellow	tssop16
green	Smt M08A
green	DBV
green	QFN12
green	QFN12
green	8-TSSOP
green	TO-263
green	SO16
green	11.0 X 9.0 X 1.8 mm leadless SMT

Quantity	Part	Refere	Value	Description	Manufactur	Manufactur	Part Numb	Mount	RoHS
12	C1	C4	C8	(1000PF	CAP-0402	KEMET	EL C0402C10	1236099	green
6	C2	C14	C1	.1UF	CAP-0402	AVX	CORF 0402ZD10	1346732	green
6	C3	C9	C19	.01uf	CAPACITC	KEMET	EI C0402C10	1115157	green
2	C10	C11		220PF	CAP-0402	AVX	CORF 04025A22	1391756	green
2	C18	C25		0.1UF	CAP-0402	KEMET	EL C0402C10	1267297	green
1	C31			0.47UF	CAPACITC	KEMET	EL C0805C47	1084319	green
4	C32	C41	C	15pf	CAP CER (			1194046	yellow
3	C33	C36	C	2.2UF	CAP-0603	AVX	CORF 06036C22	1377986	green
2	C37	C38		10uF	CAP 10uF	AVX	CORF 1206YD10	1350827	green
1	DWG1			1379806				1379806	
5	FB1	FB2	F	1K	FILTER-	EI MURATA	M BLM18AG	1315817	green
1	J1			4 CIRCUIT	CONN, HD	MOLEX	IN 90814-300	1393606	green
1	L1			47	FERRITE-(	MURATA	M BLM18BB4	1327591	green
2	L2	L3		Z600 25%	FERRITE F	FAIR-RITE	250603601	1172720	green
2	LB1	LB2		1166551	LABEL BL/			1166551	green
8	MT5	MT6	M	160C100D	MOUNTIN(		MTG_160C		yellow
1	PWB1			1420456				1420456	
2	R2	R16		10.0OHM	RES-0402	KOA	SPEE RK73H1ET	1350533	green
2	R3	R18		523	RES-0402	KOA	SPEE RK73H1ET	1410221	green
2	R4	R17		37.4	RES-0603	KOA	SPEE RK73H1JT	1409082	yellow
4	R5	R7	R22	100	RES, FILM	KOA	SPEE RK73H2AT	1360669	green
4	R6	R8	R19	150	RES-0603	KOA	SPEE RK73H1JT	1351743	green
2	R9	R25		2.0K	RES-0402	KOA	SPEE RK73H1ET	1393603	green
14	R12	R13	R	4.99k	RES 0402	KOA	Spee RK73H1ET	1379649	green
9	R21	R26	R	N	RES 0402			1228664	green
2	R31	R32		100.0	RES-0402	KOA	SPEE RK73H1ET	1350540	green
1	R35			10K	RES 0402			1178834	green
1	R36			93.1K	RES-0402	KOA	SPEE RK73H1ET	1387863	green
1	R37			30.1K	RES-0402	KOA	SPEE RK73H1ET	1387866	green
2	R45	R47		0	RES-0402	KOA	SPEE RK73Z1ET	1350532	green
4	R50	R51	R	143	RES-0402	KOA	SPEE RK73H1ET	1408962	yellow
2	R54	R55		383	RES-0402	KOA	SPEE RK73H1ET	1408963	yellow
4	R56	R57	R	191	RES-0402	KOA	SPEE RK73H1ET	1408961	yellow
1	SCH1			1379808				1379808	
1	SPC1			1317235	LABEL SPI			1317235	green
1	SPC2			1317237	LABEL SPI			1317237	green
2	T1	T2		500 - 2500	XFMR-50 (	MINI-CIRC	TCM4-25+	1378382	green
2	U2	U5		AD8362	POWER DI	ANALOG I	AD8362AR	1378326	green
1	U3			0.7-4 GHz	IC ATTEN(	HITTITE	M HCM291E	1379277	green
1	U4			A2D	IC ADC I2(	ANALOG I	AD7992BR	1378888	green
1	U6			1K: 128X8	IC-EEPROM	ATMEL	CC AT24C01A	1389716	green
1	U7			TPS73001	REG VOLT	TI	TPS73001	1385973	green
1	U8			PCA9535P	IC-SMBUS	PHILIPS	S PCA9535P	1388720	green

Pkg	Omit
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SMT0402	
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SMT0805	
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SMT0603	
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SM1206	
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SM0805	
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DB714	
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TSSOP161	
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MSSOP6	
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MSOP10	
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TSSOP_8	
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DBV	
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QFN12	
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Quantity	Part Refere	Value	Description Manufactur	Manufactur	Part Numb	Mount	RoHS
2	C1 C120	3PF	TVS 0403	AVX CORF	VC04AG1E	1385806	green
2	C2 C48	5.1 PF	CAP-0402	AVX CORF	04025A5R	1415740	green
58	C3 C5 C10	47pf	CAP-0402	AVX CORF	04025A47C	1260396	green
59	C4 C6 C7	1000PF	CAP-0402	MURATA	MGRM1555C	1421416	green
2	C17 C615	0.5PF	CAP - 0402	KEMET EL	C0402C50	1311730	green
2	C19 C20	2200PF	CAP-0603	AVX CORF	06035C22	1379684	green
8	C21 C307	12.2PF	CAP-0402	AVX CORF	04025A2R	1393447	green
6	C24 C25 C	150pf	CAP - 0402	AVX CORF	04025A151	1307780	green
82	C35 C38 C	NI	CAP-0402	KEMET EL	C0402C10	1228664	green
8	C36 C53 C	27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344	green
1	C37	18pF	CAP-0402	AVX CORF	04025A18C	1409315	green
61	C41 C68 C	0.1UF	CAP-0402	KEMET EL	C0402C10	1355907	green
1	C46	1800PF	CAP-0402	KEMET EL	C0402C18	1393946	green
5	C49 C114	3.9pF	CAP-0402	AVX CORF	04025A3R	1311855	green
2	C51 C119	5.6PF	CAP-0402	AVX CORF	04025A5R	1310910	green
3	C52 C284	33PF	CAP-0402	AVX CORF	04025A33C	1391751	green
1	C55	47 PF	CAP 0402	KOA SPEE	C0402C47	1900032P	green
9	C59 C77 C	1uf	CAP - 0603	AVX CORF	0603ZD10	1328674	green
40	C63 C66 C	15PF	CAP-0402	AVX CORF	04025A15C	1391362	green
3	C65 C107	22PF	CAP-0402	AVX CORF	04025A22C	1391757	green
57	C75 C86 C	.1UF	CAP-0402	AVX CORF	0402ZD10	1346732	green
4	C78 C81 C	56pF	CAP 0603	KEMET EL	C0603C56	2-61007-5C	green
1	C80	22PF	CAP-0402	AMERICA	600L220JT	1421791	green
1	C101	1.5pF	CAP-0402	MATSUSH	ECJ0EC1F	1168769	green
4	C128 C607	10PF	CAP-0402	AVX CORF	04025A10C	1407237	green
36	C149 C175	10uF	CAP 10uF	AVX CORF	1206YD10	1350827	green
66	C176 C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580	green
5	C181 C321	6.8PF	CAP-0402	AVX CORF	04025A6R	1311732	green
1	C184	3.3PF	CAP-0402	AVX CORF	04025A3R	1407236	green
32	C191 C201	0.47UF	CAPACITC	KEMET EL	C0805C47	1084319	green
43	C192 C202	2.2UF	CAP-0603	AVX CORF	06036C22	1414928	green
36	C193 C203	0.01uf	CAPACITC	KEMET EL	C0402C10	1115157	green
6	C196 C198	220PF	CAP-0402	AVX CORF	04025A221	1391756	green
7	C281 C305	100PF	CAP-0402	AVX CORF	04025A101	1310921	green
2	C294 C299	120PF	CAP-0402	AVX CORF	04025A121	1311733	green
2	C308 C318	2.7PF	CAP-0402	KEMET EL	C0402C27	1310770	green
2	C312 C313	8.2PF	CAP-0402	AVX CORF	04025A8R	1390609	green
3	C314 C323	10pF	CAP-0402	MATSUSH	ECJ0EC1F	1168788	green
2	C328 C329	12PF	CAP-0402	AVX CORF	04025A12C	1390612	green
1	C331	22pf	CAP - 0402	AVX CORF	04025A22C	1307704	green
2	C355 C356	1uF	CAP-1206	KEMET EL	C1206C10	1355532	green
2	C382 C383	180uF	CAP-7343	KEMET	A700X187	1292274	green
1	C426	0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187	green
1	C428	0.068uF	CAP-0603	KEMET EL	C0603C68	1355493	green
3	C450 C451	2.2UF	CAP-1206	MURATA	MGRM316R	1322531	green
18	C459 C462	.01UF	CAP-0402	KEMET EL	C0402C10	1393944	green
2	C566 C567	22UF	CAP-1210	AVX CORF	1210YD22	1390245	green
15	C599 R107	51.0OHM	CAP-0402	AVX CORF	04025A5R	1350537	green
2	C603 C622	0.01UF	CAP-0603	Kemet	C0603C10	1342700	green
1	C604	0.1uF	CAP 1206	KEMET EL	C1206C10	2-61100-4C	green

1 C605	8200pF	CAP 0805 KEMET EL C0805C82 2-61100-40	green
1 C606	1.8PF	CAP-0402 AVX CORF 04025A1R 1393770	green
2 C629 C63C	330UF	NGF-W27L CORNELL AFK337M1 1392829	green
2 C682 C69E	2.0PF	CAP-0402 MATSUSH ECJ0EC1F 1168770	green
14 C710 C7110		CAP 0402 KOA SPEE C0402C47 1350532	green
1 D1	400W	IC, ZEN DI ON SEMIC 1SMA6.0A 1393773	green
1 D2	13V	IC, ZEN DI ON SEMIC 1SMA13A1 1393774	green
4 D3 D4 D5	BAV70WT	IC-SC70 D ON SEMI BAV70WT 1394121	green
1 D8	3W	IC, ZEN DI ON SEMIC 1SMB5915 1393772	green
1 DS1	LED	LED-TH R/ KINGBRIG WP130WC 1348407	green
2 DS3 DS4	Led	LED-SOT2 LUMEX IN SSL-LX15 20.0068	green
1 DS5	RED	LED - RED LITE-ON E LTST-C19 1363382	green
1 DWG1	1386097	1386097	
78 E1 E2 E3 E	0.47UF	FLTR-0603 MURATA M NFM18PS 1405327	green
1 FL1	184.32MHz	CRYSTAL TOYOCON TF2-J4DB 1322537	green
2 J1 J3	QMA	CONN, QM HUBER+S 85_QMA-5 1391389 TH	yellow
1 J4	98	Fingers for conn_pci_1	green
4 L1 L96 L97	6.8NH	IND-0402 COILCRAF 0402CS-6 1405252	green
70 L2 L3 L4 L	Ferrite	BEAD, FEF murata BLM18AG 1176788	green
1 L6	1.2UH	IC-IND, 10 COILCRAF 1008CS-12 1390589	green
1 L10	2.7NH	IND-0402 TOKO AM LL1005-FH 1393741	green
9 L12 L24 L4	39NH	IND 0603 COILCRAF 0603CS-3 1396401	green
8 L14 R44 R	17.8	RES-0402 KOA SPEE RK73H1E 1387867	green
1 L15	110NH	IND-0603 COILCRAF 0603CS-R 1418387	green
3 L23 L39 L1	180NH	IND 0805 Coilcraft 0805CS-1 1408911	green
1 L25	8.7NH	IND-0402 COILCRAF 0402CS-8 1414637	yellow
2 L27 L83	91NH	IND-0805 Coilcraft 0805CS91 1415734	green
6 L30 L71 L9	8.2NH	IND-0402 TOKO AM LL1005-FH 1390618	green
2 L35 L45	220NH	IND 0805 Coilcraft 0805CS-22 1408759	green
2 L36 L43	330NH	IND 0805 Coilcraft 0805CS-3 1408754	yellow
4 L38 L42 L5	120NH	IC-IND, 08 Coilcraft 0805CS-12 1390547	green
1 L46	56NH	IC-IND, 06 COILCRAF 0603CS-5 1390605	green
3 L49 L58 L9	100 nH	IND-0805 Coilcraft 0805CS-10 1346643	green
7 L50 L53 L9	150NH	IC-IND, 08 Coilcraft 0805CS-1 1390549	green
1 L52	22nH	IND-0805 Coilcraft 0805CS-22 1346637	green
4 L54 L55 L1	10NH	IND-0402 TOKO AM LL1005-FH 1390617	green
1 L56	18NH	IND-0603 Coilcraft 0603CS-1 1410993	green
1 L69	3.3pF	CAP-0402 YAGEO C 0402FG33 1298364	green
1 L79	82NH	IND-0805 COILCRAF 0805CS-82 1355946	green
1 L80	68NH	IC-IND, 06 Coilcraft 0603CS-6 1390573	green
2 L84 L132	2200NH	IC-IND, 100 COILCRAF 1008CS-22 1391382	green
2 L86 L170	33NH	IND 0603 COILCRAF 0603CS-3 1364385	green
2 L88 L92	820NH	IND-1008 Coilcraft 1008cs-82 1388548	green
1 L101	27NH	IC-IND, 08 Coilcraft 0603CS-27 1390560	green
1 L102	12 nH	IND-0805 Coilcraft 0805CS-12 1346633	green
6 L103 L104	12NH	IC-IND, 04 COILCRAF 0402CS-12 1390594	green
8 L105 L106	3.3NH	IND-0402 COILCRAF 0402CS-3 1388213	green
2 L109 L110	Ferrite	FER BEAD MURATA M BLM31PG 1052747	green
3 L129 L130	700 4A	CHOKE-C Pulse P0469 1315815	green
1 L133	47NH	IND-0805 COILCRAF 0805CS-47 1355941	green
1 L143	51uH	CHOKE, C EPCOS AC B82790-SC 1153491	green

2 L177 L187 3.9NH	IND-0402 3 COILCRAF 0402CS-3M	1395932	green
4 L178 L182 1.5uH	IND-SMT 1SUMIDA C CDRH105F	1294145	green
2 L192 R147 0	IC-IND, 06 COILCRAF 0603CS-5C	1351727	green
2 LB1 LB2 1166551	LABEL BL/	1166551	green
9 MT1 MT2 M Pad225_12	MOUNTIN(	MOUNTIN(	green
2 P3 P4 HDR2X5	HDR, PIN . SAMTEC II FTSH-105-	1052224	SMT green
1 PWB1 1420784		1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W	1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT3904	1356245	green
100 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET	1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET	1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET	1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET	1408954	yellow
2 R36 R442 5.1	RES-0402 KOA SPEE RK73B1ET	1307661	green
3 R40 R443 866	RES-0402 KOA SPEE RK73H1ET	1307669	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB	1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET	1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET	1350533	green
2 R58 R153 698	RES-0402 KOA SPEE PN RK73H	1409330	green
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET	1393612	green
11 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET	1390430	green
3 R62 R69 R11.5	RES-0402 KOA SPEE RK73H1ET	1415782	green
6 R63 R68 R432	RES-0402 KOA SPEE RK73H1ET	1415771	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET	1379287	green
2 R73 R193 61.9	RES-0402 KOA SPEE RK73H1ET	1355172	yellow
4 R74 R75 R110 OHM	RES-0402 KOA SPEE RK73H1ET	1391764	green
2 R81 R143 23.7	RES-0402 KOA SPEE RK73H1ET	1415783	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET	1415769	green
48 R88 R137 30.1	RES-0402 KOA SPEE RK73H1ET	1404824	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET	1350539	green
10 R100 R101 130	RES-0402 KOA SPEE RK73H1ET	1350541	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET	1407814	green
1 R103 1.37K	RES-0402 KOA SPEE RK73H1ET	1420948	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET	1390429	green
2 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET	1393586	green
5 R124 R131 221	RES - 0402 KOA SPEE RK73H1ET	1379709	green
2 R127 R569 2.74K	RES-0402 KOA SPEE RK73H1ET	1393587	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET	1410031	green
1 R136 1.21K	RES-0402 KOA SPEE RK73H1ET	1393589	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET	1387870	green
1 R141 10K	THERMIST MURATA M NCP15XH	1420941	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET	1387866	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET	1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET	1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET	1387872	green
11 R208 R242 200	RES-0402 KOA SPEE RK73H1ET	1420838	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET	1379707	green
1 R223 43.2	RES-0402 KOA SPEE RK73H1ET	1350536	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET	1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY	1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F	1405080	green

1	R349	121	RES-0402	KOA SPEE RK73H1ET	1393595	green	
2	R352	R45E 2.67K	RES-0402	KOA SPEE RK73H1ET	1393597	green	
10	R353	R354 562	RES-0603	KOA SPEE RK73H1JT	1351974	green	
4	R355	R367 100K	RES 0402	KOA SPEE RK73H1EL	1199453	green	
3	R356	R451 8.45K	RES-0402	KOA SPEE RK73H1ET	1393604	green	
4	R357	R38E 6.81K	RES-0402	KOA SPEE RK73H1ET	1393599	green	
2	R358	R474 59.0K	RES-0402	KOA SPEE RK73H1ET	1391357	green	
3	R369	R37C 0	RES-1206	KOA SPEE RK73Z2BT	1405068	green	
7	R374	R37E 5.11K	RES-0402	KOA SPEE RK73H1ET	1393598	green	
1	R386	36.5K	RES-0402	KOA SPEE RK73H1ET	1394995	green	
1	R391	392	RES 0603	KOA SPEE RK73H1JT	1352736	green	
3	R421	R422 140	RES-0805	KOA SPEE RK73H2AT	1404815	green	
2	R423	R424 150	RES-0805	KOA SPEE RK73H2AT	1404816	green	
4	R429	R43C 280 OHM	RES-0603	KAO SPEE RK73H1JT	1377363	green	
2	R435	R45E 31.6KOHM	RES-0402	KOA SPEE RK73H1ET	1390426	green	
1	R437	48.7	RES-0402	KOA SPEE RK73H1ET	1415770	green	
1	R445	3.3K	RES-0402	KOA SPEE RK73H1ET	1393600	green	
2	R446	R44E 2.49K	RES-0402	KOA SPEE RK73H1ET	1393602	green	
5	R447	R44E 2.0K	RES-0402	KOA SPEE RK73H1ET	1393603	green	
2	R457	R46C 4.7K	RES 0402	KOA SPEE RK73B1ET	1378200	green	
2	R463	R46E 0.025 ohm	RES-2512	VISHAY D/ WSL2512F	1393765	green	
1	R466	20K	RES - 0402	KOA SPEE RK73H1ET	1325378	green	
1	R478	0.011	RES-PWR, VISHAY D/ WSL2512F	1350837	green	green	
2	R510	R511 182	RES 0402	KOA SPEE RK73H1ET	1379653	green	
2	R553	R56C 11.5K	RES-0402	KOA SPEE RK73H1ET	1391359	green	
4	R561	R567 3K	RES-0402	KOA SPEE RK73H1ET	1407571	green	
2	S1 S2	Pushbutton	SW-SMT P MATSUSH	EVQ-PPBA	1165133	green	
1	SCH1	1386039			1386039		
1	SPC1	1317235	LABEL SPI		1317235	green	
1	SPC2	1317237	LABEL SPI		1317237	green	
1	SW3	0 - 15	SW-SMT 1 ITT CANN(	CD16RM0:	1358390	green	
6	T1 T2 T4 T	3-300MHZ	XFMR-2:1	MINI-CIRC TCM2-1T+	1356362	green	
1	T3	500-3000M	XFMR-SM I TYCO	ELE MABACTO	1387896	green	
3	T5 T14 T1E	XFMR	XFMR-SM	MINI-CIRC TC1-1T+	1390614	green	
1	T10	4:1	XFMR-SM	MINI-CIRC TCM4-6T+	1393432	green	
1	T13	XFMR	XFMR-SM	MINI-CIRC TCM1-1+	1388323	green	
2	T15 T17	2-500MHZ	XFMR-RF	MINI-CIRC TCM8-1+	1406466	yellow	
18	TPF0 TPF1	SM_SQ32	Test Point :	Test_Point		yellow	
2	U1 U21	PE4302-52 IC, 6 BIT D	PEREGRIN	PE4302-52	1382578	green	
2	U108 U11C	74AC04	INV-SO14	FAIRCHILD	74ACT04S	1121133	green
1	U131	AD9445	IC-TQFP 1	ANALOG C	AD9445BS	1407546	green
1	U3	HMC539LF	IC-MMIC A	HITTITE M	HMC539LF	1378206	green
5	U4 U28 U2	SBB-1089Z	IC-MCM	RISIRENZA I	SBB-1089Z	1388209	green
1	U5	88.1 MHz	FLTR-SMT	SAWTEK	855728	1264681	green
1	U7	257.5MHz	FLTR-SMT	TAI-SAW T	1393430	1393430	green
1	U9	60-3000 M	RFAMP-SC	WJ COMM	AM1-G	1378222	green
1	U10	-	IC-MIXER	I LINEAR T	LT5512EU	1405641	green
1	U11	LM2903	IC, COMP,	TEXAS IN	LM2903PV	1396411	green
1	U13	LT5514EF	I AMP-TSSC	LINEAR T	LT5514EF	1387889	green
1	U14	LT5521	MIXER HI	C LINEAR T	LT5521EU	1364584	green
2	U15 U116	15DB	IC-RFAMP	ANALOG C	ADL5541A	1406533	green

1 U16	70MHz	FLTR-SMT TAI-SAW T	1393427	1393427	green
1 U17	836.5 MHz	FLTR-SMT SAWTEK	855729	1269763	green
1 U20	250-2500 M	IC-MCM RISKYWORK	SKY65009	1378208	green
1 U22	AD9779	DA CONV- ANALOG C	AD9779AB	1417751	green
1 U25	AD9510BC	IC-PLL CL ANALOG C	AD9510BC	1387892	green
1 U26	EP2S15F4	IC-FPGA 4 ALTERA	EP2S15F4	1382685	green
1 U27	70MHz	FLTR-SMT TAI-SAW T	1393427	1393427	green
2 U30 U32	VCO 892-1	VCO-D16 UMC	UMZ-1651	1392823	green
6 U33 U35	U Amp	AMP-SO6 INEC ELEC	UPC3215T	1387860	green
1 U34	VCO 316 M	VCO-R16 UMC	UMZ-1650	1392824	green
26 U39 U40	U TPS73001	REG VOLT TI	TPS73001	1385973	green
7 U56 U59	U TPS78601	IC- REG L TEXAS IN	TPS78601	1356558	green
2 U66 U67	ADF4156	IC-FRAC-F ANALOG C	ADF4156B	1387901	green
1 U84	PD09-73LF	IC-COMBC SKYWORK	PD09-73LF	1390199	green
1 U85	1K: 128X8	IC-EEPROM ATMEL	CC AT24C01A	1389716	green
1 U86	.81-.96GH	IC-DIRECT SKYWORK	DC09-73	1390206	green
3 U92 U93	U MIC5235	IC LINEAR MICREL	MIC5235Y	1384309	green
1 U95	REG	PS - DC-D ASTEC	AM ATH10K12	1378037	green
2 U99 U100	OpAmp	OPAMP-SC LINEAR	TE LT6200IS6	1421617	green
1 U102	SKY13267	IC, DPDT S SKYWORK	13267-321	1396413	green
1 U103	1:2 LVDS E	IC 1:2 LVD MICREL	SI SY89835U	1388992	green
1 U105	ADF4360-7	IC-SYNTH ANALOG C	ADF4360-7	1390246	green
1 U107	FREQ SYNC	IC FREQ S ANALOG C	ADF4252B	1361482	green
1 U112	D/A CONV	IC-TSSOP NATIONAL	ADC088SC	1391273	green
2 U113 U114	AD8312	IC RF DET ANALOG C	AD8312AC	1392693	green
1 U115	TMP36	IC,LOW-V Analog Dev	TMP36GR	1392675	green
3 U117 U119	NTLJS411	IC, PWR, MON SEMIC	NTLJS411	1393596	green
3 U118 U121	LTC4210-1	IC, HOT S LINEAR	TE LTC4210-1	1393584	green
1 U120	M74VHC1C	IC-SC70-5 ON SEMIC	M74VHC1C	1394109	green
1 U125	6DB	THERMOPEMC TECH	MTVA060C	1414532	green
1 U126	6DB	THERMOPEMC TECH	MTVA060C	1414532	green
1 U127	PI90LV386	IC-TSSOP PERICOM	PI90LV38	1407351	green
1 U128	PI90LV02	IC-SOT23 PERICOM	PI90LV02T	1407349	green
1 U130	PI90LV01	IC XMTR S PERICOM	PI90LV01T	1368576	green
1 U136	25.000 MH	OSC, 25.0 FOX ELEC	F530L-25.C	1177578	green
1 U137	LT5557	IC-16QFN LINEAR	TE LT5557EU	1409859	green

Pkg	Omit
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SMT0805
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SMT-0603
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SMT 2512
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0402
Smt 2 PIN
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X
X

SMT
DB714
XFRMR5_5

DB714
6Pin
TCM8-1+
SM Pad
20L 4X4 Q
Smt SO14
100 pin TQ

SOT89

TSSOP8
TSSOP20

cp-8-2

TQFP100
QFN64_GF
780 BGA

Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP

Smt TVA06
Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Quantity	Part	Refere	Value	Description	Manufactur	Manufactur	Part Numb	Mount	RoHS
3	C1	C120	C 3PF	TVS 0403	AVX	CORF	VC04AG1E	1385806	green
2	C2	C48	5.1 PF	CAP-0402	AVX	CORF	04025A5R	1415740	green
58	C3	C5	C1047pf	CAP-0402	AVX	CORF	04025A47C	1260396	green
59	C4	C6	C7 (1000PF	CAP-0402	MURATA	MGRM	1555C	1421416	green
2	C17	C615	0.5PF	CAP - 0402	KEMET	EL	C0402C50	1311730	green
2	C19	C20	2200PF	CAP-0603	AVX	CORF	06035C22	1379684	green
8	C21	C307	2.2PF	CAP-0402	AVX	CORF	04025A2R	1393447	green
6	C24	C25	C 150pf	CAP - 0402	AVX	CORF	04025A15	1307780	green
76	C35	C38	C NI	CAP-0402	KEMET	EL	C0402C10	1228664	green
8	C36	C53	C 27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344	green	green
1	C37		18pF	CAP-0402	AVX	CORF	04025A18C	1409315	green
61	C41	C68	C 0.1UF	CAP-0402	KEMET	EL	C0402C10	1355907	green
1	C46		1800PF	CAP-0402	KEMET	EL	C0402C18	1393946	green
5	C49	C114	3.9pF	CAP-0402	AVX	CORF	04025A3R	1311855	green
3	C51	C119	5.6PF	CAP-0402	AVX	CORF	04025A5R	1310910	green
3	C52	C284	33PF	CAP-0402	AVX	CORF	04025A33C	1391751	green
1	C55		47 PF	CAP 0402	KOA	SPEE	C0402C47	1900032P	green
9	C59	C77	C 1uf	CAP - 0603	AVX	CORF	0603ZD10	1328674	green
40	C63	C66	C 15PF	CAP-0402	AVX	CORF	04025A15C	1391362	green
3	C65	C107	22PF	CAP-0402	AVX	CORF	04025A22C	1391757	green
57	C75	C86	C .1UF	CAP-0402	AVX	CORF	0402ZD10	1346732	green
4	C78	C81	C 56pF	CAP 0603	KEMET	EL	C0603C56	2-61007-5C	green
1	C80		22PF	CAP-0402	AMERICA	600L	220JT	1421791	green
1	C101		1.5pF	CAP-0402	MATSUSH	ECJ0EC1F	1168769	green	green
4	C128	C607	10PF	CAP-0402	AVX	CORF	04025A10C	1407237	green
36	C149	C175	10uF	CAP 10uF	AVX	CORF	1206YD10	1350827	green
66	C176	C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580	green	green
5	C181	C321	6.8PF	CAP-0402	AVX	CORF	04025A6R	1311732	green
1	C184		3.3PF	CAP-0402	AVX	CORF	04025A3R	1407236	green
32	C191	C201	0.47UF	CAPACITC	KEMET	EL	C0805C47	1084319	green
43	C192	C202	2.2UF	CAP-0603	AVX	CORF	06036C22	1414928	green
36	C193	C203	0.01uf	CAPACITC	KEMET	EL	C0402C10	1115157	green
6	C196	C198	220PF	CAP-0402	AVX	CORF	04025A22	1391756	green
7	C281	C305	100PF	CAP-0402	AVX	CORF	04025A10	1310921	green
2	C294	C299	120PF	CAP-0402	AVX	CORF	04025A12	1311733	green
2	C308	C318	2.7PF	CAP-0402	KEMET	EL	C0402C27	1310770	green
2	C312	C313	8.2PF	CAP-0402	AVX	CORF	04025A8R	1390609	green
3	C314	C323	10pF	CAP-0402	MATSUSH	ECJ0EC1F	1168788	green	green
2	C328	C329	12PF	CAP-0402	AVX	CORF	04025A12C	1390612	green
1	C331		22pf	CAP - 0402	AVX	CORF	04025A22C	1307704	green
2	C355	C356	1uF	CAP-1206	KEMET	EL	C1206C10	1355532	green
2	C382	C383	180uF	CAP-7343	KEMET	A700X	187	1292274	green
1	C426		0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187	green	green
1	C428		0.068uF	CAP-0603	KEMET	EL	C0603C68	1355493	green
3	C450	C451	2.2UF	CAP-1206	MURATA	MGRM	316R	1322531	green
18	C459	C462	0.01UF	CAP-0402	KEMET	EL	C0402C10	1393944	green
2	C566	C567	22UF	CAP-1210	AVX	CORF	1210YD22	1390245	green
2	C603	C622	0.01UF	CAP-0603	Kemet	C0603	C10	1342700	green
1	C604		0.1uF	CAP 1206	KEMET	EL	C1206C10	2-61100-4C	green
1	C605		8200pF	CAP 0805	KEMET	EL	C0805C82	2-61100-4C	green

1 C606	1.8PF	CAP-0402 AVX CORF04025A1R1	1393770	green
2 C629 C63C	330UF	NGF-W27L CORNELL AFK337M1	1392829	green
3 C682 C683	2.0PF	CAP-0402 MATSUSH ECJ0EC1F	1168770	green
14 C710 C7110		CAP 0402 KOA SPEE C0402C47	1350532	green
1 D1	400W	IC, ZEN DI ON SEMIC 1SMA6.0A	1393773	green
1 D2	13V	IC, ZEN DI ON SEMIC 1SMA13A1	1393774	green
4 D3 D4 D5	BAV70WT	IC-SC70 D ON SEMI BAV70WT	1394121	green
1 D8	3W	IC, ZEN DI ON SEMIC 1SMB5915	1393772	green
1 DS1	LED	LED-TH R/ KINGBRIG WP130WC	1348407	green
2 DS3 DS4	Led	LED-SOT2 LUMEX IN SSL-LX15I	20.0068	green
1 DS5	RED	LED - RED LITE-ON E LTST-C19C	1363382	green
1 DWG1	1386097		1386097	
78 E1 E2 E3 E	0.47UF	FLTR-0603 MURATA M NFM18PS4	1405327	green
1 FL1	184.32MHz	CRYSTAL TOYOCON TF2-J4DB1	1322537	green
3 J1 J2 J3	conn_smp_QMA	STR/HUBER+S 82_QMA-5	1391388	yellow
1 J4	98	Fingers for	conn_pci_1	green
4 L1 L96 L97	6.8NH	IND-0402 COILCRAF 0402CS-6M	1405252	green
70 L2 L3 L4 L	Ferrite	BEAD, FEF murata BLM18AG	1176788	green
1 L6	1.2UH	IC-IND, 10 COILCRAF 1008CS-12	1390589	green
1 L10	2.7NH	IND-0402 TOKO AM LL1005-FH	1393741	green
9 L12 L24 L4	39NH	IND 0603 COILCRAF 0603CS-3C	1396401	green
7 L14 R44 R	17.8	RES-0402 KOA SPEE RK73H1E1	1387867	green
1 L15	110NH	IND-0603 COILCRAF 0603CS-R	1418387	green
3 L23 L39 L1	180NH	IND 0805 Coilcraft 0805CS-1E	1408911	green
1 L25	8.7NH	IND-0402 COILCRAF 0402CS-8M	1414637	yellow
2 L27 L83	91NH	IND-0805 Coilcraft 0805CS91	1415734	green
7 L30 L71 L9	8.2NH	IND-0402 TOKO AM LL1005-FH	1390618	green
2 L35 L45	220NH	IND 0805 Coilcraft 0805CS-22	1408759	green
2 L36 L43	330NH	IND 0805 Coilcraft 0805CS-3C	1408754	yellow
4 L38 L42 L5	120NH	IC-IND, 08 Coilcraft 0805CS-12	1390547	green
1 L46	56NH	IC-IND, 06 COILCRAF 0603CS-5E	1390605	green
3 L49 L58 L9	100 nH	IND-0805 Coilcraft 0805CS-1C	1346643	green
7 L50 L53 L9	150NH	IC-IND, 08 Coilcraft 0805CS-1E	1390549	green
1 L52	22nH	IND-0805 Coilcraft 0805CS-22	1346637	green
5 L54 L55 L1	10NH	IND-0402 TOKO AM LL1005-FH	1390617	green
1 L56	18NH	IND-0603 Coilcraft 0603CS-1E	1410993	green
1 L69	3.3pF	CAP-0402 YAGEO C 0402FG33	1298364	green
1 L79	82NH	IND-0805 COILCRAF 0805CS-82	1355946	green
1 L80	68NH	IC-IND, 06 Coilcraft 0603CS-6E	1390573	green
2 L84 L132	2200NH	IC-IND, 100 COILCRAF 1008CS-22	1391382	green
2 L86 L170	33NH	IND 0603 COILCRAF 0603CS-3C	1364385	green
2 L88 L92	820NH	IND-1008 Coilcraft 1008cs-82	1388548	green
1 L101	27NH	IC-IND, 08 Coilcraft 0603CS-27	1390560	green
1 L102	12 nH	IND-0805 Coilcraft 0805CS-12	1346633	green
7 L103 L104	12NH	IC-IND, 04 COILCRAF 0402CS-12	1390594	green
8 L105 L106	3.3NH	IND-0402 COILCRAF 0402CS-3M	1388213	green
2 L109 L110	Ferrite	FER BEAD MURATA M BLM31PG	1052747	green
3 L129 L130	700 4A	CHOKE-C Pulse P0469	1315815	green
1 L133	47NH	IND-0805 COILCRAF 0805CS-47	1355941	green
1 L143	51uH	CHOKE, C EPCOS AC B82790-SC	1153491	green
2 L177 L187	3.9NH	IND-0402 COILCRAF 0402CS-3M	1395932	green

4 L178 L182 1.5uH	IND-SMT 1SUMIDA C CDRH105F 1294145	green
2 L192 R147 0	IC-IND, 06(COILCRAF 0603CS-56 1351727	green
2 LB1 LB2 1166551	LABEL BL/ 1166551	green
9 MT1 MT2 1Pad225_12	MOUNTIN(MOUNTIN(	green
2 P3 P4 HDR2X5	HDR, PIN .SAMTEC II FTSH-105- 1052224 SMT	green
1 PWB1 1420784	1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W 1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT3904 1356245	green
100 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET 1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET 1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET 1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET 1408954	yellow
3 R36 R79 R5.1	RES-0402 KOA SPEE RK73B1ET 1307661	green
5 R40 R83 R866	RES-0402 KOA SPEE RK73H1ET 1307669	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB 1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET 1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET 1350533	green
2 R58 R153 698	RES-0402 KOA SPEE PN RK73H 1409330	green
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET 1393612	green
9 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET 1390430	green
3 R62 R69 R11.5	RES-0402 KOA SPEE RK73H1ET 1415782	green
6 R63 R68 R432	RES-0402 KOA SPEE RK73H1ET 1415771	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET 1379287	green
2 R73 R223 43.2	RES-0402 KOA SPEE RK73H1ET 1350536	green
12 R74 R75 R130	RES-0402 KOA SPEE RK73H1ET 1350541	green
2 R81 R143 23.7	RES-0402 KOA SPEE RK73H1ET 1415783	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET 1415769	green
48 R88 R137 30.1	RES-0402 KOA SPEE RK73H1ET 1404824	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET 1350539	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET 1407814	green
1 R103 1.37K	RES-0402 KOA SPEE RK73H1ET 1420948	green
14 R107 R109 51.1	RES-0402 KOA SPEE RK73H1ET 1350537	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET 1390429	green
2 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET 1393586	green
5 R124 R131 221	RES - 0402 KOA SPEE RK73H1ET 1379709	green
2 R127 R569 2.74K	RES-0402 KOA SPEE RK73H1ET 1393587	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET 1410031	green
1 R136 1.21K	RES-0402 KOA SPEE RK73H1ET 1393589	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET 1387870	green
1 R141 10K	THERMIST MURATA M NCP15XH 1420941	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET 1387866	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET 1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET 1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET 1387872	green
1 R193 61.9	RES-0402 KOA SPEE RK73H1ET 1355172	yellow
2 R194 R195 110 OHM	RES-0402 KOA SPEE RK73H1ET 1391764	green
11 R208 R242 200	RES-0402 KOA SPEE RK73H1ET 1420838	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET 1379707	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET 1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY 1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F 1405080	green

1	R349	121	RES-0402	KOA SPEE RK73H1ET	1393595	green
2	R352	R455 2.67K	RES-0402	KOA SPEE RK73H1ET	1393597	green
10	R353	R354 562	RES-0603	KOA SPEE RK73H1JT	1351974	green
4	R355	R367 100K	RES 0402	KOA SPEE RK73H1EL	1199453	green
3	R356	R451 8.45K	RES-0402	KOA SPEE RK73H1ET	1393604	green
4	R357	R385 6.81K	RES-0402	KOA SPEE RK73H1ET	1393599	green
2	R358	R474 59.0K	RES-0402	KOA SPEE RK73H1ET	1391357	green
3	R369	R37C 0	RES-1206	KOA SPEE RK73Z2BT	1405068	green
7	R374	R375 5.11K	RES-0402	KOA SPEE RK73H1ET	1393598	green
1	R386	36.5K	RES-0402	KOA SPEE RK73H1ET	1394995	green
1	R391	392	RES 0603	KOA SPEE RK73H1JT	1352736	green
3	R421	R422 140	RES-0805	KOA SPEE RK73H2AT	1404815	green
2	R423	R424 150	RES-0805	KOA SPEE RK73H2AT	1404816	green
4	R429	R43C 280 OHM	RES-0603	KAO SPEE RK73H1JT	1377363	green
2	R435	R453 31.6KOHM	RES-0402	KOA SPEE RK73H1ET	1390426	green
1	R437	48.7	RES-0402	KOA SPEE RK73H1ET	1415770	green
1	R445	3.3K	RES-0402	KOA SPEE RK73H1ET	1393600	green
2	R446	R445 2.49K	RES-0402	KOA SPEE RK73H1ET	1393602	green
5	R447	R448 2.0K	RES-0402	KOA SPEE RK73H1ET	1393603	green
2	R457	R46C 4.7K	RES 0402	KOA SPEE RK73B1ET	1378200	green
2	R463	R465 0.025 ohm	RES-2512	VISHAY D/ WSL2512F	1393765	green
1	R466	20K	RES - 0402	KOA SPEE RK73H1ET	1325378	green
1	R478	0.011	RES-PWR, VISHAY D/ WSL2512F	1350837	green	
2	R510	R511 182	RES 0402	KOA SPEE RK73H1ET	1379653	green
2	R553	R56C 11.5K	RES-0402	KOA SPEE RK73H1ET	1391359	green
4	R561	R567 3K	RES-0402	KOA SPEE RK73H1ET	1407571	green
2	S1 S2	Pushbutton	SW-SMT P MATSUSH EVQ-PPBA	1165133	green	
1	SCH1	1386049		1386049		
1	SPC1	1317235	LABEL SPI	1317235	green	
1	SPC2	1317237	LABEL SPI	1317237	green	
1	SW3	0 - 15	SW-SMT 1 ITT CANN(CD16RM0	1358390	green	
6	T1 T2 T4 T	3-300MHZ	XFMR-2:1 MINI-CIRC TCM2-1T+	1356362	green	
1	T3	500-3000M	XFMR-SMITYCO ELE MABACTO	1387896	green	
4	T5 T13 T14	XFMR	XFMR-SM MINI-CIRC TC1-1T+	1390614	green	
1	T10	4:1	XFMR-SM MINI-CIRC TCM4-6T+	1393432	green	
2	T15 T17	2-500MHZ	XFMR-RF MINI-CIRC TCM8-1+	1406466	yellow	
18	TPF0 TPF1	SM_SQ32	Test Point :	Test_Point	yellow	
2	U1 U21	PE4302-52 IC, 6 BIT D PEREGRIN	PE4302-52	1382578	green	
1	U3	HMC539LF IC-MMIC A HITTITE M	HMC539LF	1378206	green	
5	U4 U28 U2	SBB-10892 IC-MCM RI SIRENZA I	SBB-10892	1388209	green	
1	U5	836.5 MHz FLTR-SMT SAWTEK	855729	1269763	green	
1	U7	257.5MHz FLTR-SMT TAI-SAW T	1393430	1393430	green	
1	U9	60-3000 M RFAMP-SCWJ COMM AM1-G		1378222	green	
1	U10	-	IC-MIXER I LINEAR TE LT5512EU	1405641	green	
2	U108 U11C	74AC04	INV-SO14 FAIRCHILD	74ACT04S	1121133	green
1	U11	LM2903	IC, COMP, TEXAS IN	LM2903PV	1396411	green
1	U13	LT5514EF	AMP-TSSC LINEAR TE LT5514EF	1387889	green	
1	U131	AD9445	IC-TQFP 1 ANALOG C	AD9445BS	1407546	green
1	U14	LT5521	MIXER HIC LINEAR TE LT5521EU		1364584	green
1	U15	15DB	IC-RFAMP ANALOG C	ADL5541A	1406533	green
1	U16	70MHz	FLTR-SMT TAI-SAW T	1393427	1393427	green

1 U17	88.1 MHz	FLTR-SMT SAWTEK	855728	1264681	green
1 U20	250-2500 M	IC-MCM RISKYWORK	SKY65009	1378208	green
1 U22	AD9779	DA CONV- ANALOG	[AD9779AB	1417751	green
1 U25	AD9510BC	IC-PLL CL	ANALOG [AD9510BC	1387892	green
1 U26	EP2S15F4	IC-FPGA 4 ALTERA	EP2S15F4	1382685	green
1 U27	70MHz	FLTR-SMT TAI-SAW	T 1393427	1393427	green
2 U30 U32	VCO 892-1	VCO-D16 {UMC	UMZ-1651-	1392823	green
6 U33 U35	U Amp	AMP-SO6	NEC ELEC UPC3215T	1387860	green
1 U34	VCO 316 M	VCO-R16 {UMC	UMZ-1650-	1392824	green
26 U39 U40	U TPS73001	REG VOLT TI	TPS73001	1385973	green
7 U56 U59	U TPS78601	IC- REG L(TEXAS IN	S TPS78601	1356558	green
2 U66 U67	ADF4156	IC-FRAC-F ANALOG	[ADF4156B	1387901	green
1 U84	PD09-73LF	IC-COMBC SKYWORK	PD09-73LF	1390199	green
1 U85	1K: 128X8	IC-EEPROM ATMEL	CC AT24C01A	1389716	green
1 U86	.81-.96GH	IC-DIRECT SKYWORK	DC09-73	1390206	green
3 U92 U93	U MIC5235	IC LINEAR MICREL	MIC5235Y	1384309	green
1 U95	REG	PS - DC-D	ASTEC AM ATH10K12	1378037	green
2 U99 U100	OpAmp	OPAMP-S	LINEAR TE LT6200	IS6 1421617	green
1 U102	SKY13267	IC, DPDT S	SKYWORK 13267-321	1396413	green
1 U103	1:2 LVDS	E IC 1:2 LVD	MICREL S SY89835U	1388992	green
1 U105	ADF4360-7	IC-SYNTH: ANALOG	[ADF4360-7	1390246	green
1 U107	FREQ SYNC	IC FREQ S	ANALOG [ADF4252B	1361482	green
1 U112	D/A CONV	IC-TSSOP: NATIONAL	ADC088S	1391273	green
2 U113 U114	AD8312	IC RF DET ANALOG	[AD8312AC	1392693	green
1 U115	TMP36	IC,LOW-V	(Analog De\ TMP36GR	1392675	green
1 U116	20DB	IC-RFAMP ANALOG	[ADL5542A	1406534	green
3 U117 U119	NTLJS411-	IC, PWR, M	ON SEMIC NTLJS411-	1393596	green
3 U118 U121	LTC4210-1	IC, HOT S	LINEAR TE LTC4210-1	1393584	green
1 U120	M74VHC1	(IC-SC70-5	ON SEMIC M74VHC1	(1394109	green
2 U125 U126	6DB	THERMOP	EMC TECH MTVA0600	1414532	green
1 U127	PI90LV386	IC-TSSOP PERICOM	PI90LVT38	1407351	green
1 U128	PI90LV02	IC-SOT23	PERICOM PI90LV02T	1407349	green
1 U130	PI90LV01	IC XMTR S	PERICOM PI90LV01T	1368576	green
1 U136	25.000 MH	OSC, 25.0	(FOX ELEC F530L-25.(	1177578	green
1 U137	LT5557	IC-16QFN	LINEAR TE LT5557EU	1409859	green

Pkg	Omit
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SMT1206	
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0603 SMT	
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SMT0402
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Smt 1206
SMT 7060_
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SMT4pin

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SMT0805
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SMT0402
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0402
Smt 2 PIN

X
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X

SMT
DB714
XFRMR5_5

DB714
TCM8-1+
SM Pad
20L 4X4 Q

SOT89

Smt SO14
TSSOP8
TSSOP20
100 pin TQ

cp-8-2

TQFP100
QFN64_GF
780 BGA

Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP.

cp-8-2

Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Quantity	Part Refere	Value	Description Manufactur	Manufactur	Part Numb	Mount	RoHS
2	C1 C120	3PF	TVS 0403	AVX CORF	VC04AG1E	1385806	green
2	C2 C48	5.1 PF	CAP-0402	AVX CORF	04025A5R	1415740	green
58	C3 C5 C10	47pf	CAP-0402	AVX CORF	04025A47C	1260396	green
59	C4 C6 C7	1000PF	CAP-0402	MURATA	MGRM1555C	1421416	green
2	C17 C615	0.5PF	CAP - 0402	KEMET EL	C0402C50	1311730	green
2	C19 C20	2200PF	CAP-0603	AVX CORF	06035C22C	1379684	green
8	C21 C307	12.2PF	CAP-0402	AVX CORF	04025A2R	1393447	green
6	C24 C25 C	150pf	CAP - 0402	AVX CORF	04025A151	1307780	green
82	C35 C38 C	NI	CAP-0402	KEMET EL	C0402C10	1228664	green
8	C36 C53 C	27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344	green
1	C37	18pF	CAP-0402	AVX CORF	04025A18C	1409315	green
61	C41 C68 C	0.1UF	CAP-0402	KEMET EL	C0402C10	1355907	green
1	C46	1800PF	CAP-0402	KEMET EL	C0402C18	1393946	green
5	C49 C114	3.9pF	CAP-0402	AVX CORF	04025A3R	1311855	green
2	C51 C119	5.6PF	CAP-0402	AVX CORF	04025A5R	1310910	green
3	C52 C284	133PF	CAP-0402	AVX CORF	04025A33C	1391751	green
1	C55	47 PF	CAP 0402	KOA SPEE	C0402C47	1900032P	green
9	C59 C77 C	1uf	CAP - 0603	AVX CORF	0603ZD10	1328674	green
40	C63 C66 C	15PF	CAP-0402	AVX CORF	04025A15C	1391362	green
3	C65 C107	122PF	CAP-0402	AVX CORF	04025A22C	1391757	green
57	C75 C86 C	.1UF	CAP-0402	AVX CORF	0402ZD10	1346732	green
4	C78 C81 C	56pF	CAP 0603	KEMET EL	C0603C56	2-61007-5C	green
1	C80	22PF	CAP-0402	AMERICA	600L220JT	1421791	green
1	C101	1.5pF	CAP-0402	MATSUSH	ECJ0EC1F	1168769	green
4	C128 C607	10PF	CAP-0402	AVX CORF	04025A10C	1407237	green
36	C149 C175	10uF	CAP 10uF	AVX CORF	1206YD10	1350827	green
66	C176 C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580	green
5	C181 C321	6.8PF	CAP-0402	AVX CORF	04025A6R	1311732	green
1	C184	3.3PF	CAP-0402	AVX CORF	04025A3R	1407236	green
32	C191 C201	0.47UF	CAPACITC	KEMET EL	C0805C47	1084319	green
43	C192 C202	2.2UF	CAP-0603	AVX CORF	06036C22C	1414928	green
36	C193 C203	0.01uf	CAPACITC	KEMET EL	C0402C10	1115157	green
6	C196 C198	220PF	CAP-0402	AVX CORF	04025A221	1391756	green
7	C281 C305	100PF	CAP-0402	AVX CORF	04025A101	1310921	green
2	C294 C299	120PF	CAP-0402	AVX CORF	04025A121	1311733	green
2	C308 C318	2.7PF	CAP-0402	KEMET EL	C0402C27	1310770	green
2	C312 C313	8.2PF	CAP-0402	AVX CORF	04025A8R	1390609	green
3	C314 C323	10pF	CAP-0402	MATSUSH	ECJ0EC1F	1168788	green
2	C328 C329	12PF	CAP-0402	AVX CORF	04025A12C	1390612	green
1	C331	22pf	CAP - 0402	AVX CORF	04025A22C	1307704	green
2	C355 C356	1uF	CAP-1206	KEMET EL	C1206C10	1355532	green
2	C382 C383	180uF	CAP-7343	KEMET	A700X187	1292274	green
1	C426	0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187	green
1	C428	0.068uF	CAP-0603	KEMET EL	C0603C68	1355493	green
3	C450 C451	2.2UF	CAP-1206	MURATA	MGRM316R	1322531	green
18	C459 C462	.01UF	CAP-0402	KEMET EL	C0402C10	1393944	green
2	C566 C567	22UF	CAP-1210	AVX CORF	1210YD22	1390245	green
15	C599 R107	51.1OHM	CAP-0402	AVX CORF	04025A5R	1350537	green
2	C603 C622	0.01UF	CAP-0603	Kemet	C0603C10	1342700	green
1	C604	0.1uF	CAP 1206	KEMET EL	C1206C10	2-61100-4C	green

1 C605	8200pF	CAP 0805 KEMET EL C0805C82 2-61100-40	green
1 C606	1.8PF	CAP-0402 AVX CORF 04025A1R 1393770	green
2 C629 C63C	330UF	NGF-W27L CORNELL AFK337M1 1392829	green
2 C682 C69E	2.0PF	CAP-0402 MATSUSH ECJ0EC1F 1168770	green
14 C710 C7110		CAP 0402 KOA SPEE C0402C47 1350532	green
1 D1	400W	IC, ZEN DI ON SEMIC 1SMA6.0A 1393773	green
1 D2	13V	IC, ZEN DI ON SEMIC 1SMA13A1 1393774	green
4 D3 D4 D5	BAV70WT	IC-SC70 D ON SEMI BAV70WT 1394121	green
1 D8	3W	IC, ZEN DI ON SEMIC 1SMB5915 1393772	green
1 DS1	LED	LED-TH R/ KINGBRIG WP130WC 1348407	green
2 DS3 DS4	Led	LED-SOT2 LUMEX IN SSL-LX15 20.0068	green
1 DS5	RED	LED - RED LITE-ON E LTST-C19 1363382	green
1 DWG1	1386097	1386097	
78 E1 E2 E3 E	0.47UF	FLTR-0603 MURATA M NFM18PS 1405327	green
1 FL1	184.32MHz	CRYSTAL TOYOCON TF2-J4DB 1322537	green
2 J1 J3	QMA	CONN, QM HUBER+S 85_QMA-5 1391389 TH	yellow
1 J4	98	Fingers for conn_pci_1	green
4 L1 L96 L97	6.8NH	IND-0402 COILCRAF 0402CS-6 1405252	green
70 L2 L3 L4 L	Ferrite	BEAD, FEF murata BLM18AG 1176788	green
1 L6	1.2UH	IC-IND, 10 COILCRAF 1008CS-12 1390589	green
1 L10	2.7NH	IND-0402 TOKO AM LL1005-FH 1393741	green
9 L12 L24 L4	39NH	IND 0603 COILCRAF 0603CS-3 1396401	green
8 L14 R44 R	17.8	RES-0402 KOA SPEE RK73H1E 1387867	green
1 L15	110NH	IND-0603 COILCRAF 0603CS-R 1418387	green
3 L23 L39 L1	180NH	IND 0805 Coilcraft 0805CS-1 1408911	green
1 L25	8.7NH	IND-0402 COILCRAF 0402CS-8 1414637	yellow
2 L27 L83	91NH	IND-0805 Coilcraft 0805CS91 1415734	green
6 L30 L71 L9	8.2NH	IND-0402 TOKO AM LL1005-FH 1390618	green
2 L35 L45	220NH	IND 0805 Coilcraft 0805CS-22 1408759	green
2 L36 L43	330NH	IND 0805 Coilcraft 0805CS-3 1408754	yellow
4 L38 L42 L5	120NH	IC-IND, 08 Coilcraft 0805CS-12 1390547	green
1 L46	56NH	IC-IND, 06 COILCRAF 0603CS-5 1390605	green
3 L49 L58 L9	100 nH	IND-0805 Coilcraft 0805CS-10 1346643	green
7 L50 L53 L9	150NH	IC-IND, 08 Coilcraft 0805CS-1 1390549	green
1 L52	22nH	IND-0805 Coilcraft 0805CS-22 1346637	green
4 L54 L55 L1	10NH	IND-0402 TOKO AM LL1005-FH 1390617	green
1 L56	18NH	IND-0603 Coilcraft 0603CS-1 1410993	green
1 L69	3.3pF	CAP-0402 YAGEO C 0402FG33 1298364	green
1 L79	82NH	IND-0805 COILCRAF 0805CS-82 1355946	green
1 L80	68NH	IC-IND, 06 Coilcraft 0603CS-6 1390573	green
2 L84 L132	2200NH	IC-IND, 100 COILCRAF 1008CS-22 1391382	green
2 L86 L170	33NH	IND 0603 COILCRAF 0603CS-3 1364385	green
2 L88 L92	820NH	IND-1008 Coilcraft 1008cs-82 1388548	green
1 L101	27NH	IC-IND, 08 Coilcraft 0603CS-27 1390560	green
1 L102	12 nH	IND-0805 Coilcraft 0805CS-12 1346633	green
6 L103 L104	12NH	IC-IND, 04 COILCRAF 0402CS-12 1390594	green
8 L105 L106	3.3NH	IND-0402 COILCRAF 0402CS-3 1388213	green
2 L109 L110	Ferrite	FER BEAD MURATA M BLM31PG 1052747	green
3 L129 L130	700 4A	CHOKE-C Pulse P0469 1315815	green
1 L133	47NH	IND-0805 COILCRAF 0805CS-47 1355941	green
1 L143	51uH	CHOKE, C EPCOS AC B82790-SC 1153491	green

2 L177 L187 3.9NH	IND-0402 3 COILCRAF 0402CS-3M	1395932	green
4 L178 L182 1.5uH	IND-SMT 1SUMIDA C CDRH105F	1294145	green
2 L192 R147 0	IC-IND, 06 COILCRAF 0603CS-5C	1351727	green
2 LB1 LB2 1166551	LABEL BL/	1166551	green
9 MT1 MT2 M Pad225_12	MOUNTIN(	MOUNTIN(	green
2 P3 P4 HDR2X5	HDR, PIN . SAMTEC II FTSH-105-	1052224	SMT green
1 PWB1 1420784		1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W	1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT3904	1356245	green
100 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET	1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET	1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET	1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET	1408954	yellow
2 R36 R442 5.1	RES-0402 KOA SPEE RK73B1ET	1307661	green
3 R40 R443 866	RES-0402 KOA SPEE RK73H1ET	1307669	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB	1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET	1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET	1350533	green
2 R58 R153 698	RES-0402 KOA SPEE PN RK73H	1409330	green
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET	1393612	green
11 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET	1390430	green
3 R62 R69 R11.5	RES-0402 KOA SPEE RK73H1ET	1415782	green
6 R63 R68 R432	RES-0402 KOA SPEE RK73H1ET	1415771	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET	1379287	green
2 R73 R193 61.9	RES-0402 KOA SPEE RK73H1ET	1355172	yellow
4 R74 R75 R110 OHM	RES-0402 KOA SPEE RK73H1ET	1391764	green
2 R81 R143 23.7	RES-0402 KOA SPEE RK73H1ET	1415783	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET	1415769	green
48 R88 R137 30.1	RES-0402 KOA SPEE RK73H1ET	1404824	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET	1350539	green
10 R100 R101 130	RES-0402 KOA SPEE RK73H1ET	1350541	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET	1407814	green
1 R103 1.37K	RES-0402 KOA SPEE RK73H1ET	1420948	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET	1390429	green
2 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET	1393586	green
5 R124 R131 221	RES - 0402 KOA SPEE RK73H1ET	1379709	green
2 R127 R569 2.74K	RES-0402 KOA SPEE RK73H1ET	1393587	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET	1410031	green
1 R136 1.21K	RES-0402 KOA SPEE RK73H1ET	1393589	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET	1387870	green
1 R141 10K	THERMIST MURATA M NCP15XH	1420941	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET	1387866	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET	1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET	1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET	1387872	green
11 R208 R242 200	RES-0402 KOA SPEE RK73H1ET	1420838	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET	1379707	green
1 R223 43.2	RES-0402 KOA SPEE RK73H1ET	1350536	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET	1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY	1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F	1405080	green

1	R349	121	RES-0402	KOA SPEE RK73H1ET	1393595	green	
2	R352	R45E 2.67K	RES-0402	KOA SPEE RK73H1ET	1393597	green	
10	R353	R354 562	RES-0603	KOA SPEE RK73H1JT	1351974	green	
4	R355	R367 100K	RES 0402	KOA SPEE RK73H1EL	1199453	green	
3	R356	R451 8.45K	RES-0402	KOA SPEE RK73H1ET	1393604	green	
4	R357	R38E 6.81K	RES-0402	KOA SPEE RK73H1ET	1393599	green	
2	R358	R474 59.0K	RES-0402	KOA SPEE RK73H1ET	1391357	green	
3	R369	R37C 0	RES-1206	KOA SPEE RK73Z2BT	1405068	green	
7	R374	R37E 5.11K	RES-0402	KOA SPEE RK73H1ET	1393598	green	
1	R386	36.5K	RES-0402	KOA SPEE RK73H1ET	1394995	green	
1	R391	392	RES 0603	KOA SPEE RK73H1JT	1352736	green	
3	R421	R422 140	RES-0805	KOA SPEE RK73H2AT	1404815	green	
2	R423	R424 150	RES-0805	KOA SPEE RK73H2AT	1404816	green	
4	R429	R43C 280 OHM	RES-0603	KAO SPEE RK73H1JT	1377363	green	
2	R435	R45E 31.6KOHM	RES-0402	KOA SPEE RK73H1ET	1390426	green	
1	R437	48.7	RES-0402	KOA SPEE RK73H1ET	1415770	green	
1	R445	3.3K	RES-0402	KOA SPEE RK73H1ET	1393600	green	
2	R446	R44E 2.49K	RES-0402	KOA SPEE RK73H1ET	1393602	green	
5	R447	R44E 2.0K	RES-0402	KOA SPEE RK73H1ET	1393603	green	
2	R457	R46C 4.7K	RES 0402	KOA SPEE RK73B1ET	1378200	green	
2	R463	R46E 0.025 ohm	RES-2512	VISHAY D/ WSL2512F	1393765	green	
1	R466	20K	RES - 0402	KOA SPEE RK73H1ET	1325378	green	
1	R478	0.011	RES-PWR, VISHAY D/ WSL2512F	1350837	green	green	
2	R510	R511 182	RES 0402	KOA SPEE RK73H1ET	1379653	green	
2	R553	R56C 11.5K	RES-0402	KOA SPEE RK73H1ET	1391359	green	
4	R561	R567 3K	RES-0402	KOA SPEE RK73H1ET	1407571	green	
2	S1 S2	Pushbutton	SW-SMT P MATSUSH	EVQ-PPBA	1165133	green	
1	SCH1	1386049			1386049		
1	SPC1	1317235	LABEL SPI		1317235	green	
1	SPC2	1317237	LABEL SPI		1317237	green	
1	SW3	0 - 15	SW-SMT 1 ITT CANN(	CD16RM0	1358390	green	
6	T1 T2 T4 T	3-300MHZ	XFMR-2:1	MINI-CIRC TCM2-1T+	1356362	green	
1	T3	500-3000M	XFMR-SM I TYCO	ELE MABACTO	1387896	green	
3	T5 T14 T1E	XFMR	XFMR-SM	MINI-CIRC TC1-1T+	1390614	green	
1	T10	4:1	XFMR-SM	MINI-CIRC TCM4-6T+	1393432	green	
1	T13	XFMR	XFMR-SM	MINI-CIRC TCM1-1+	1388323	green	
2	T15 T17	2-500MHZ	XFMR-RF	MINI-CIRC TCM8-1+	1406466	yellow	
18	TPF0 TPF1	SM_SQ32	Test Point :	Test_Point		yellow	
2	U1 U21	PE4302-52 IC, 6 BIT D	PEREGRIN	PE4302-52	1382578	green	
2	U108 U11C	74AC04	INV-SO14	FAIRCHILD	74ACT04S	1121133	green
1	U3	HMC539LF	IC-MMIC A	HITTITE M	HMC539LF	1378206	green
5	U4 U28 U2	SBB-1089E	IC-MCM R	SIRENZA I	SBB-1089E	1388209	green
1	U5	860.5MHZ/	FLTR-SMD	INTEGRAT	F8602	1295682	green
1	U7	257.5MHz	FLTR-SMT	TAI-SAW T	1393430	1393430	green
1	U9	60-3000 M	RFAMP-SC	WJ COMM	AM1-G	1378222	green
1	U10	-	IC-MIXER	I LINEAR T	LT5512EU	1405641	green
1	U11	LM2903	IC, COMP,	TEXAS IN	LM2903PV	1396411	green
1	U13	LT5514EF	I AMP-TSSC	LINEAR T	LT5514EF	1387889	green
1	U131	AD9445	IC-TQFP 1	ANALOG	AD9445BS	1407546	green
1	U14	LT5521	MIXER HI	C LINEAR T	LT5521EU	1364584	green
2	U15 U116	15DB	IC-RFAMP	ANALOG	ADL5541A	1406533	green

1 U16	70MHz	FLTR-SMT TAI-SAW T	1393427	1393427	green
1 U17	815.5MHZ/	FLTR-SMD INTEGRAT F8152	1295680		green
1 U20	250-2500 M	IC-MCM RISKYWORK SKY65009	1378208		green
1 U22	AD9779	DA CONV- ANALOG C	AD9779AB	1417751	green
1 U25	AD9510BC	IC-PLL CL	ANALOG C	AD9510BC	1387892
1 U26	EP2S15F4	IC-FPGA 4 ALTERA	EP2S15F4	1382685	green
1 U27	70MHz	FLTR-SMT TAI-SAW T	1393427	1393427	green
2 U30 U32	VCO 892-1	VCO-D16 {UMC	UMZ-1651	1392823	green
6 U33 U35	U Amp	AMP-SO6 I	NEC ELEC	UPC3215T	1387860
1 U34	VCO 316 M	VCO-R16 {UMC	UMZ-1650	1392824	green
26 U39 U40	U TPS73001	REG VOLT TI	TPS73001	1385973	green
7 U56 U59	U TPS78601	IC- REG L	TEXAS IN	TPS78601	1356558
2 U66 U67	ADF4156	IC-FRAC-F	ANALOG C	ADF4156B	1387901
1 U84	PD09-73LF	IC-COMBC	SKYWORK	PD09-73LF	1390199
1 U85	1K: 128X8	IC-EEPROM	ATMEL	CC AT24C01A	1389716
1 U86	.81-.96GH	IC-DIRECT	SKYWORK	DC09-73	1390206
3 U92 U93	U MIC5235	IC LINEAR	MICREL	MIC5235Y	1384309
1 U95	REG	PS - DC-D	ASTEC	AM ATH10K12	1378037
2 U99 U100	OpAmp	OPAMP-S	C LINEAR	TE LT6200IS6	1421617
1 U102	SKY13267	IC, DPDT	S	SKYWORK	13267-321
1 U103	1:2 LVDS	E IC 1:2	LVD	MICREL	SI SY89835U
1 U105	ADF4360-7	IC-SYNTH	ANALOG C	ADF4360-7	1390246
1 U107	FREQ SYN	IC FREQ	S	ANALOG C	ADF4252B
1 U112	D/A CONV	IC-TSSOP	NATIONAL	ADC088SC	1391273
2 U113 U114	AD8312	IC RF DET	ANALOG C	AD8312AC	1392693
1 U115	TMP36	IC,LOW-V	C Analog	Dev TMP36GR	1392675
3 U117 U119	NTLJS411	IC, PWR, M	ON SEMI	C NTLJS411	1393596
3 U118 U121	LTC4210-1	IC, HOT S	LINEAR	TE LTC4210-1	1393584
1 U120	M74VHC1	C IC-SC70-5	ON SEMI	C M74VHC1	1394109
2 U125 U126	6DB	THERMO	PEMC	TECH MTVA0600	1414532
1 U127	PI90LV386	IC-TSSOP	PERICOM	PI90LVT38	1407351
1 U128	PI90LV02	IC-SOT23	I	PERICOM	PI90LV02T
1 U130	PI90LV01	IC XMTR	S	PERICOM	PI90LV01T
1 U136	25.000 MH	OSC, 25.0	C	FOX ELEC	F530L-25.C
1 U137	LT5557	IC-16QFN	LINEAR	TE LT5557EU	1409859

Pkg	OMIT
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0402
Smt 2 PIN

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SMT
DB714
XFRMR5_5

DB714
6Pin
TCM8-1+
SM Pad
20L 4X4 Q
Smt SO14

SOT89

TSSOP8
TSSOP20
100 pin TQ

cp-8-2

TQFP100
QFN64_GF
780 BGA

Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP

Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Quantity	Part Refere	Value	Description Manufactur	Manufactur	Part Numb	Mount	RoHS
3	C1 C120	C 3PF	TVS 0403	AVX CORF	VC04AG1E	1385806	green
2	C2 C48	5.1 PF	CAP-0402	AVX CORF	04025A5R	1415740	green
58	C3 C5 C10	47pf	CAP-0402	AVX CORF	04025A47C	1260396	green
59	C4 C6 C7	(1000PF	CAP-0402	MURATA	MGRM1555C	1421416	green
2	C17 C615	0.5PF	CAP - 0402	KEMET EL	C0402C50	1311730	green
2	C19 C20	2200PF	CAP-0603	AVX CORF	06035C22	1379684	green
8	C21 C307	12.2PF	CAP-0402	AVX CORF	04025A2R	1393447	green
6	C24 C25 C	150pf	CAP - 0402	AVX CORF	04025A151	1307780	green
76	C35 C38 C	NI	CAP-0402	KEMET EL	C0402C10	1228664	green
8	C36 C53 C	27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344	green
1	C37	18pF	CAP-0402	AVX CORF	04025A18C	1409315	green
61	C41 C68 C	0.1UF	CAP-0402	KEMET EL	C0402C10	1355907	green
1	C46	1800PF	CAP-0402	KEMET EL	C0402C18	1393946	green
5	C49 C114	3.9pF	CAP-0402	AVX CORF	04025A3R	1311855	green
3	C51 C119	5.6PF	CAP-0402	AVX CORF	04025A5R	1310910	green
3	C52 C284	33PF	CAP-0402	AVX CORF	04025A33C	1391751	green
1	C55	47 PF	CAP 0402	KOA SPEE	C0402C47	1900032P	green
9	C59 C77 C	1uf	CAP - 0603	AVX CORF	0603ZD10	1328674	green
40	C63 C66 C	15PF	CAP-0402	AVX CORF	04025A15C	1391362	green
3	C65 C107	22PF	CAP-0402	AVX CORF	04025A22C	1391757	green
57	C75 C86 C	.1UF	CAP-0402	AVX CORF	0402ZD10	1346732	green
4	C78 C81 C	56pF	CAP 0603	KEMET EL	C0603C56	2-61007-5C	green
1	C80	22PF	CAP-0402	AMERICA	600L220JT	1421791	green
1	C101	1.5pF	CAP-0402	MATSUSH	ECJ0EC1F	1168769	green
4	C128 C607	10PF	CAP-0402	AVX CORF	04025A10C	1407237	green
36	C149 C175	10uF	CAP 10uF	AVX CORF	1206YD10	1350827	green
66	C176 C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580	green
5	C181 C321	6.8PF	CAP-0402	AVX CORF	04025A6R	1311732	green
1	C184	3.3PF	CAP-0402	AVX CORF	04025A3R	1407236	green
32	C191 C201	0.47UF	CAPACITC	KEMET EL	C0805C47	1084319	green
43	C192 C202	2.2UF	CAP-0603	AVX CORF	06036C22	1414928	green
36	C193 C203	0.01uf	CAPACITC	KEMET EL	C0402C10	1115157	green
6	C196 C198	220PF	CAP-0402	AVX CORF	04025A221	1391756	green
7	C281 C305	100PF	CAP-0402	AVX CORF	04025A101	1310921	green
2	C294 C299	120PF	CAP-0402	AVX CORF	04025A121	1311733	green
2	C308 C318	2.7PF	CAP-0402	KEMET EL	C0402C27	1310770	green
2	C312 C313	8.2PF	CAP-0402	AVX CORF	04025A8R	1390609	green
3	C314 C323	10pF	CAP-0402	MATSUSH	ECJ0EC1F	1168788	green
2	C328 C329	12PF	CAP-0402	AVX CORF	04025A12C	1390612	green
1	C331	22pf	CAP - 0402	AVX CORF	04025A22C	1307704	green
2	C355 C356	1uF	CAP-1206	KEMET EL	C1206C10	1355532	green
2	C382 C383	180uF	CAP-7343	KEMET	A700X187	1292274	green
1	C426	0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187	green
1	C428	0.068uF	CAP-0603	KEMET EL	C0603C68	1355493	green
3	C450 C451	2.2UF	CAP-1206	MURATA	MGRM316R	1322531	green
18	C459 C462	.01UF	CAP-0402	KEMET EL	C0402C10	1393944	green
2	C566 C567	22UF	CAP-1210	AVX CORF	1210YD22	1390245	green
2	C603 C622	0.01UF	CAP-0603	Kemet	C0603C10	1342700	green
1	C604	0.1uF	CAP 1206	KEMET EL	C1206C10	2-61100-4C	green
1	C605	8200pF	CAP 0805	KEMET EL	C0805C82	2-61100-4C	green

1 C606	1.8PF	CAP-0402 AVX CORF04025A1R1	1393770	green
2 C629 C63C	330UF	NGF-W27L CORNELL AFK337M1	1392829	green
3 C682 C683	2.0PF	CAP-0402 MATSUSH ECJ0EC1F	1168770	green
14 C710 C7110		CAP 0402 KOA SPEE C0402C47	1350532	green
1 D1	400W	IC, ZEN DI ON SEMIC 1SMA6.0A	1393773	green
1 D2	13V	IC, ZEN DI ON SEMIC 1SMA13A1	1393774	green
4 D3 D4 D5	BAV70WT	IC-SC70 D ON SEMI BAV70WT	1394121	green
1 D8	3W	IC, ZEN DI ON SEMIC 1SMB5915	1393772	green
1 DS1	LED	LED-TH R/ KINGBRIG WP130WC	1348407	green
2 DS3 DS4	Led	LED-SOT2 LUMEX IN SSL-LX15I	20.0068	green
1 DS5	RED	LED - RED LITE-ON E LTST-C19C	1363382	green
1 DWG1	1386097		1386097	
78 E1 E2 E3 E	0.47UF	FLTR-0603 MURATA M NFM18PS4	1405327	green
1 FL1	184.32MHz	CRYSTAL TOYOCON TF2-J4DB1	1322537	green
3 J1 J2 J3	conn_smp_QMA	STR/HUBER+S82_QMA-5	1391388	yellow
1 J4	98	Fingers for	conn_pci_1	green
4 L1 L96 L97	6.8NH	IND-0402 COILCRAF 0402CS-6M	1405252	green
70 L2 L3 L4 L	Ferrite	BEAD, FEF murata BLM18AG	1176788	green
1 L6	1.2UH	IC-IND, 10 COILCRAF 1008CS-12	1390589	green
1 L10	2.7NH	IND-0402 TOKO AM LL1005-FH	1393741	green
9 L12 L24 L4	39NH	IND 0603 COILCRAF 0603CS-3C	1396401	green
7 L14 R44 R	17.8	RES-0402 KOA SPEE RK73H1E1	1387867	green
1 L15	110NH	IND-0603 COILCRAF 0603CS-R	1418387	green
3 L23 L39 L1	180NH	IND 0805 Coilcraft 0805CS-1E	1408911	green
1 L25	8.7NH	IND-0402 COILCRAF 0402CS-8M	1414637	yellow
2 L27 L83	91NH	IND-0805 Coilcraft 0805CS91	1415734	green
7 L30 L71 L9	8.2NH	IND-0402 TOKO AM LL1005-FH	1390618	green
2 L35 L45	220NH	IND 0805 Coilcraft 0805CS-22	1408759	green
2 L36 L43	330NH	IND 0805 Coilcraft 0805CS-3C	1408754	yellow
4 L38 L42 L5	120NH	IC-IND, 08 Coilcraft 0805CS-12	1390547	green
1 L46	56NH	IC-IND, 06 COILCRAF 0603CS-5E	1390605	green
3 L49 L58 L9	100 nH	IND-0805 Coilcraft 0805CS-1C	1346643	green
14 L50 L53 L9	12NH	IC-IND, 04 COILCRAF 0402CS-12	1390594	green
1 L52	22nH	IND-0805 Coilcraft 0805CS-22	1346637	green
5 L54 L55 L1	10NH	IND-0402 TOKO AM LL1005-FH	1390617	green
1 L56	18NH	IND-0603 Coilcraft 0603CS-1E	1410993	green
1 L69	3.3pF	CAP-0402 YAGEO C 0402FG33	1298364	green
1 L79	82NH	IND-0805 COILCRAF 0805CS-82	1355946	green
1 L80	68NH	IC-IND, 06 Coilcraft 0603CS-6E	1390573	green
2 L84 L132	2200NH	IC-IND, 100 COILCRAF 1008CS-22	1391382	green
2 L86 L170	33NH	IND 0603 COILCRAF 0603CS-3C	1364385	green
2 L88 L92	820NH	IND-1008 Coilcraft 1008cs-82	1388548	green
1 L101	27NH	IC-IND, 08 Coilcraft 0603CS-27	1390560	green
1 L102	12 nH	IND-0805 Coilcraft 0805CS-12	1346633	green
8 L105 L106	3.3NH	IND-0402 COILCRAF 0402CS-3M	1388213	green
2 L109 L110	Ferrite	FER BEAD MURATA M BLM31PG	1052747	green
3 L129 L130	700 4A	CHOKE-C Pulse P0469	1315815	green
1 L133	47NH	IND-0805 COILCRAF 0805CS-47	1355941	green
1 L143	51uH	CHOKE, C EPCOS AC B82790-SC	1153491	green
2 L177 L187	3.9NH	IND-0402 COILCRAF 0402CS-3M	1395932	green
4 L178 L182	1.5uH	IND-SMT 1SUMIDA C CDRH105F	1294145	green

2 L192 R147 0	IC-IND, 06 COILCRAF 0603CS-56	1351727	green
2 LB1 LB2 1166551	LABEL BL/	1166551	green
9 MT1 MT2 1 Pad225_12	MOUNTIN(	MOUNTIN(	green
2 P3 P4 HDR2X5	HDR, PIN . SAMTEC II FTSH-105-	1052224	SMT green
1 PWB1 1420784		1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W	1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT390-	1356245	green
100 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET	1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET	1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET	1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET	1408954	yellow
3 R36 R79 R5.1	RES-0402 KOA SPEE RK73B1ET	1307661	green
5 R40 R83 R866	RES-0402 KOA SPEE RK73H1ET	1307669	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB	1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET	1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET	1350533	green
2 R58 R153 698	RES-0402 KOA SPEE PN RK73H	1409330	green
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET	1393612	green
9 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET	1390430	green
3 R62 R69 R11.5	RES-0402 KOA SPEE RK73H1ET	1415782	green
6 R63 R68 R432	RES-0402 KOA SPEE RK73H1ET	1415771	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET	1379287	green
2 R73 R223 43.2	RES-0402 KOA SPEE RK73H1ET	1350536	green
12 R74 R75 R130	RES-0402 KOA SPEE RK73H1ET	1350541	green
2 R81 R143 23.7	RES-0402 KOA SPEE RK73H1ET	1415783	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET	1415769	green
48 R88 R137 30.1	RES-0402 KOA SPEE RK73H1ET	1404824	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET	1350539	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET	1407814	green
1 R103 1.37K	RES-0402 KOA SPEE RK73H1ET	1420948	green
14 R107 R109 51.1	RES-0402 KOA SPEE RK73H1ET	1350537	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET	1390429	green
2 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET	1393586	green
5 R124 R131 221	RES - 0402 KOA SPEE RK73H1ET	1379709	green
2 R127 R569 2.74K	RES-0402 KOA SPEE RK73H1ET	1393587	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET	1410031	green
1 R136 1.21K	RES-0402 KOA SPEE RK73H1ET	1393589	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET	1387870	green
1 R141 10K	THERMIST MURATA 1 NCP15XH	1420941	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET	1387866	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET	1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET	1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET	1387872	green
1 R193 61.9	RES-0402 KOA SPEE RK73H1ET	1355172	yellow
2 R194 R195 110 OHM	RES-0402 KOA SPEE RK73H1ET	1391764	green
11 R208 R242 200	RES-0402 KOA SPEE RK73H1ET	1420838	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET	1379707	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET	1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY	1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F	1405080	green
1 R349 121	RES-0402 KOA SPEE RK73H1ET	1393595	green

2	R352	R455	2.67K	RES-0402	KOA SPEE RK73H1ET	1393597	green
10	R353	R354	562	RES-0603	KOA SPEE RK73H1JT	1351974	green
4	R355	R367	100K	RES-0402	KOA SPEE RK73H1EL	1199453	green
3	R356	R451	8.45K	RES-0402	KOA SPEE RK73H1ET	1393604	green
4	R357	R385	6.81K	RES-0402	KOA SPEE RK73H1ET	1393599	green
2	R358	R474	59.0K	RES-0402	KOA SPEE RK73H1ET	1391357	green
3	R369	R370		RES-1206	KOA SPEE RK73Z2BT	1405068	green
7	R374	R375	5.11K	RES-0402	KOA SPEE RK73H1ET	1393598	green
1	R386		36.5K	RES-0402	KOA SPEE RK73H1ET	1394995	green
1	R391		392	RES-0603	KOA SPEE RK73H1JT	1352736	green
3	R421	R422	140	RES-0805	KOA SPEE RK73H2AT	1404815	green
2	R423	R424	150	RES-0805	KOA SPEE RK73H2AT	1404816	green
4	R429	R430	280 OHM	RES-0603	KOA SPEE RK73H1JT	1377363	green
2	R435	R453	31.6KOHM	RES-0402	KOA SPEE RK73H1ET	1390426	green
1	R437		48.7	RES-0402	KOA SPEE RK73H1ET	1415770	green
1	R445		3.3K	RES-0402	KOA SPEE RK73H1ET	1393600	green
2	R446	R449	2.49K	RES-0402	KOA SPEE RK73H1ET	1393602	green
5	R447	R448	2.0K	RES-0402	KOA SPEE RK73H1ET	1393603	green
2	R457	R460	4.7K	RES-0402	KOA SPEE RK73B1ET	1378200	green
2	R463	R469	0.025 ohm	RES-2512	VISHAY D/ WSL2512F	1393765	green
1	R466		20K	RES-0402	KOA SPEE RK73H1ET	1325378	green
1	R478		0.011	RES-PWR	VISHAY D/ WSL2512F	1350837	green
2	R510	R511	182	RES-0402	KOA SPEE RK73H1ET	1379653	green
2	R553	R560	11.5K	RES-0402	KOA SPEE RK73H1ET	1391359	green
4	R561	R567	3K	RES-0402	KOA SPEE RK73H1ET	1407571	green
2	S1	S2	Pushbutton	SW-SMT	P MATSUSH EVQ-PPBA	1165133	green
1	SCH1		1386049			1386049	
1	SPC1		1317235	LABEL SPI		1317235	green
1	SPC2		1317237	LABEL SPI		1317237	green
1	SW3		0 - 15	SW-SMT	1 ITT CANN(CD16RM0)	1358390	green
6	T1	T2	T4	T3-300MHZ	XFMR-2:1 MINI-CIRC TCM2-1T+	1356362	green
1	T3		500-3000M	XFMR-SM	ITYCO ELE MABACT01	1387896	green
4	T5	T13	T14	XFMR	XFMR-SM MINI-CIRC TC1-1T+	1390614	green
1	T10		4:1	XFMR-SM	MINI-CIRC TCM4-6T+	1393432	green
2	T15	T17	2-500MHZ	XFMR-RF	MINI-CIRC TCM8-1+	1406466	yellow
18	TPF0	TPF1	SM_SQ32	Test Point :	Test_Point		yellow
2	U1	U21	PE4302-52	IC, 6 BIT D PEREGRIN	PE4302-52	1382578	green
1	U3		HMC539LF	IC-MMIC A HITTITE	M HMC539LF	1378206	green
5	U4	U28	U2	SBB-10892	IC-MCM RISIRENZA I SBB-10892	1388209	green
1	U5		815.5MHZ/	FLTR-SMD	INTEGRAT F8152	1295680	green
1	U7		257.5MHz	FLTR-SMT	TAI-SAW T 1393430	1393430	green
1	U9		60-3000 M	RFAMP-SC	WJ COMM AM1-G	1378222	green
1	U10		-	IC-MIXER	LINEAR TE LT5512EU	1405641	green
2	U108	U110	74AC04	INV-SO14	FAIRCHILD 74ACT04S	1121133	green
1	U11		LM2903	IC, COMP,	TEXAS IN\$ LM2903PV	1396411	green
1	U13		LT5514EF	IC-AMP-TSSC	LINEAR TE LT5514EF	1387889	green
1	U131		AD9445	IC-TQFP 1	ANALOG I AD9445BS	1407546	green
1	U14		LT5521	MIXER HIC	LINEAR TE LT5521EU	1364584	green
1	U15		15DB	IC-RFAMP	ANALOG I ADL5541A	1406533	green
1	U16		70MHz	FLTR-SMT	TAI-SAW T 1393427	1393427	green
1	U17		860.5MHZ/	FLTR-SMD	INTEGRAT F8602	1295682	green

1 U20	250-2500 MIC-MCM RISKYWORK	SKY65009	1378208	green
1 U22	AD9779 DA CONV- ANALOG	AD9779AB	1417751	green
1 U25	AD9510BC IC-PLL CLK ANALOG	AD9510BC	1387892	green
1 U26	EP2S15F4 IC-FPGA 4 ALTERA	EP2S15F4	1382685	green
1 U27	70MHz FLTR-SMT TAI-SAW	T1393427	1393427	green
2 U30 U32	VCO 892-1 VCO-D16	UMC UMZ-1651	1392823	green
6 U33 U35	U Amp AMP-SO6 INEC ELEC	UPC3215T	1387860	green
1 U34	VCO 316 M VCO-R16	UMC UMZ-1650	1392824	green
26 U39 U40	U TPS73001 REG VOLT TI	TPS73001	1385973	green
7 U56 U59	U TPS78601 IC- REG L(TEXAS IN	TPS78601	1356558	green
2 U66 U67	ADF4156 IC-FRAC-F ANALOG	ADF4156B	1387901	green
1 U84	PD09-73LF IC-COMBC SKYWORK	PD09-73LF	1390199	green
1 U85	1K: 128X8 IC-EEPROM ATMEL	CC AT24C01A	1389716	green
1 U86	.81-.96GH IC-DIRECT SKYWORK	DC09-73	1390206	green
3 U92 U93	U MIC5235 IC LINEAR MICREL	MIC5235YI	1384309	green
1 U95	REG PS - DC-DI	ASTEC AMATH10K12	1378037	green
2 U99 U100	OpAmp OPAMP-S(LINEAR	TE LT6200IS6	1421617	green
1 U102	SKY13267 IC, DPDT	SKYWORK 13267-321	1396413	green
1 U103	1:2 LVDS IC 1:2 LVD	MICREL SI SY89835U	1388992	green
1 U105	ADF4360-7 IC-SYNTH: ANALOG	ADF4360-7	1390246	green
1 U107	FREQ SYM IC FREQ S ANALOG	ADF4252B	1361482	green
1 U112	D/A CONV IC-TSSOP: NATIONAL	ADC088SC	1391273	green
2 U113 U114	AD8312 IC RF DET ANALOG	AD8312AC	1392693	green
1 U115	TMP36 IC, LOW-V(Analog De	TMP36GR	1392675	green
1 U116	20DB IC-RFAMP ANALOG	ADL5542A	1406534	green
3 U117 U119	NTLJS411 IC, PWR, MON	SEMIC NTLJS411	1393596	green
3 U118 U121	LTC4210-1 IC, HOT S(LINEAR	TE LTC4210-1	1393584	green
1 U120	M74VHC1(IC-SC70-5 ON	SEMIC M74VHC1(	1394109	green
2 U125 U126	6DB THERMOP EMC	TECH MTVA0600	1414532	green
1 U127	PI90LV386 IC-TSSOP PERICOM	PI90LVT38	1407351	green
1 U128	PI90LV02 IC-SOT23 I	PERICOM PI90LV02T	1407349	green
1 U130	PI90LV01 IC XMTR S	PERICOM PI90LV01T	1368576	green
1 U136	25.000 MH OSC, 25.0(	FOX ELEC F530L-25.(	1177578	green
1 U137	LT5557 IC-16QFN LINEAR	TE LT5557EU	1409859	green

Pkg	Omit
0402	
0402	
SMT0402	
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0603 SMT	
SMT1206	
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SM 0603

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Smt 1206
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0402
Smt 2 PIN

X
X
X

SMT
DB714
XFRMR5_5

DB714
TCM8-1+
SM Pad
20L 4X4 Q

SOT89

Smt SO14
TSSOP8
TSSOP20
100 pin TQ

cp-8-2

TQFP100
QFN64_GF
780 BGA

Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP.

cp-8-2

Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Quantity	Part Refere	Value	Description Manufactur	Manufactur	Part Numb	Mount	RoHS
2	C1 C120	3PF	TVS 0403	AVX CORF	VC04AG1E	1385806	green
2	C2 C48	5.1 PF	CAP-0402	AVX CORF	04025A5R	1415740	green
58	C3 C5 C10	47pf	CAP-0402	AVX CORF	04025A47C	1260396	green
59	C4 C6 C7	1000PF	CAP-0402	MURATA	NGRM1555C	1421416	green
2	C17 C615	0.5PF	CAP - 0402	KEMET EL	C0402C50	1311730	green
2	C19 C20	2200PF	CAP-0603	AVX CORF	06035C22	1379684	green
8	C21 C307	2.2PF	CAP-0402	AVX CORF	04025A2R	1393447	green
6	C24 C25 C	150pf	CAP - 0402	AVX CORF	04025A151	1307780	green
82	C35 C38 C	NI	CAP-0402	KEMET EL	C0402C10	1228664	green
8	C36 C53 C	27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344	green
1	C37	18pF	CAP-0402	AVX CORF	04025A18C	1409315	green
61	C41 C68 C	0.1UF	CAP-0402	KEMET EL	C0402C10	1355907	green
1	C46	1800PF	CAP-0402	KEMET EL	C0402C18	1393946	green
5	C49 C114	3.9pF	CAP-0402	AVX CORF	04025A3R	1311855	green
2	C51 C119	5.6PF	CAP-0402	AVX CORF	04025A5R	1310910	green
3	C52 C284	33PF	CAP-0402	AVX CORF	04025A33C	1391751	green
1	C55	47 PF	CAP 0402	KOA SPEE	C0402C47	1900032P	green
9	C59 C77 C	1uf	CAP - 0603	AVX CORF	0603ZD10	1328674	green
40	C63 C66 C	15PF	CAP-0402	AVX CORF	04025A15C	1391362	green
3	C65 C107	22PF	CAP-0402	AVX CORF	04025A22C	1391757	green
57	C75 C86 C	.1UF	CAP-0402	AVX CORF	0402ZD10	1346732	green
4	C78 C81 C	56pF	CAP 0603	KEMET EL	C0603C56	2-61007-5C	green
1	C80	22PF	CAP-0402	AMERICA	600L220JT	1421791	green
1	C101	1.5pF	CAP-0402	MATSUSH	ECJ0EC1F	1168769	green
4	C128 C607	10PF	CAP-0402	AVX CORF	04025A10C	1407237	green
36	C149 C175	10uF	CAP 10uF	AVX CORF	1206YD10	1350827	green
66	C176 C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580	green
5	C181 C321	6.8PF	CAP-0402	AVX CORF	04025A6R	1311732	green
1	C184	3.3PF	CAP-0402	AVX CORF	04025A3R	1407236	green
32	C191 C201	0.47UF	CAPACITC	KEMET EL	C0805C47	1084319	green
43	C192 C202	2.2UF	CAP-0603	AVX CORF	06036C22	1414928	green
36	C193 C203	0.01uf	CAPACITC	KEMET EL	C0402C10	1115157	green
6	C196 C198	220PF	CAP-0402	AVX CORF	04025A221	1391756	green
7	C281 C305	100PF	CAP-0402	AVX CORF	04025A101	1310921	green
2	C294 C299	120PF	CAP-0402	AVX CORF	04025A121	1311733	green
2	C308 C318	2.7PF	CAP-0402	KEMET EL	C0402C27	1310770	green
2	C312 C313	8.2PF	CAP-0402	AVX CORF	04025A8R	1390609	green
3	C314 C323	10pF	CAP-0402	MATSUSH	ECJ0EC1F	1168788	green
2	C328 C329	12PF	CAP-0402	AVX CORF	04025A12C	1390612	green
1	C331	22pf	CAP - 0402	AVX CORF	04025A22C	1307704	green
2	C355 C356	1uF	CAP-1206	KEMET EL	C1206C10	1355532	green
2	C382 C383	180uF	CAP-7343	KEMET	A700X187	1292274	green
1	C426	0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187	green
1	C428	0.068uF	CAP-0603	KEMET EL	C0603C68	1355493	green
3	C450 C451	2.2UF	CAP-1206	MURATA	NGRM316R	1322531	green
18	C459 C462	.01UF	CAP-0402	KEMET EL	C0402C10	1393944	green
2	C566 C567	22UF	CAP-1210	AVX CORF	1210YD22	1390245	green
15	C599 R107	51.0OHM	CAP-0402	AVX CORF	04025A5R	1350537	green
2	C603 C622	0.01UF	CAP-0603	Kemet	C0603C10	1342700	green
1	C604	0.1uF	CAP 1206	KEMET EL	C1206C10	2-61100-4C	green

1 C605	8200pF	CAP 0805 KEMET EL C0805C82 2-61100-40	green
1 C606	1.8PF	CAP-0402 AVX CORF 04025A1R 1393770	green
2 C629 C63C	330UF	NGF-W27L CORNELL AFK337M1 1392829	green
2 C682 C69E	2.0PF	CAP-0402 MATSUSH ECJ0EC1F 1168770	green
14 C710 C7110		CAP 0402 KOA SPEE C0402C47 1350532	green
1 D1	400W	IC, ZEN DI ON SEMIC 1SMA6.0A 1393773	green
1 D2	13V	IC, ZEN DI ON SEMIC 1SMA13A1 1393774	green
4 D3 D4 D5	BAV70WT	IC-SC70 D ON SEMI BAV70WT 1394121	green
1 D8	3W	IC, ZEN DI ON SEMIC 1SMB5915 1393772	green
1 DS1	LED	LED-TH R/ KINGBRIG WP130WC 1348407	green
2 DS3 DS4	Led	LED-SOT2 LUMEX IN SSL-LX15 20.0068	green
1 DS5	RED	LED - RED LITE-ON E LTST-C19 1363382	green
1 DWG1	1386097	1386097	
78 E1 E2 E3 E	0.47UF	FLTR-0603 MURATA M NFM18PS 1405327	green
1 FL1	184.32MHz	CRYSTAL TOYOCON TF2-J4DB 1322537	green
2 J1 J3	QMA	CONN, QM HUBER+S 85_QMA-5 1391389 TH	yellow
1 J4	98	Fingers for conn_pci_1	green
4 L1 L96 L97	6.8NH	IND-0402 COILCRAF 0402CS-6 1405252	green
70 L2 L3 L4 L	Ferrite	BEAD, FEF murata BLM18AG 1176788	green
1 L6	1.2UH	IC-IND, 10 COILCRAF 1008CS-12 1390589	green
1 L10	2.7NH	IND-0402 TOKO AM LL1005-FH 1393741	green
9 L12 L24 L4	39NH	IND 0603 COILCRAF 0603CS-3 1396401	green
8 L14 R44 R	17.8	RES-0402 KOA SPEE RK73H1E 1387867	green
1 L15	110NH	IND-0603 COILCRAF 0603CS-R 1418387	green
3 L23 L39 L1	180NH	IND 0805 Coilcraft 0805CS-1 1408911	green
1 L25	8.7NH	IND-0402 COILCRAF 0402CS-8 1414637	yellow
2 L27 L83	91NH	IND-0805 Coilcraft 0805CS91 1415734	green
6 L30 L71 L9	8.2NH	IND-0402 TOKO AM LL1005-FH 1390618	green
2 L35 L45	220NH	IND 0805 Coilcraft 0805CS-22 1408759	green
2 L36 L43	330NH	IND 0805 Coilcraft 0805CS-3 1408754	yellow
4 L38 L42 L5	120NH	IC-IND, 08 Coilcraft 0805CS-12 1390547	green
1 L46	56NH	IC-IND, 06 COILCRAF 0603CS-5 1390605	green
3 L49 L58 L9	100 nH	IND-0805 Coilcraft 0805CS-10 1346643	green
7 L50 L53 L9	150NH	IC-IND, 08 Coilcraft 0805CS-1 1390549	green
1 L52	22nH	IND-0805 Coilcraft 0805CS-22 1346637	green
4 L54 L55 L1	10NH	IND-0402 TOKO AM LL1005-FH 1390617	green
1 L56	18NH	IND-0603 Coilcraft 0603CS-1 1410993	green
1 L69	3.3pF	CAP-0402 YAGEO C 0402FG33 1298364	green
1 L79	82NH	IND-0805 COILCRAF 0805CS-82 1355946	green
1 L80	68NH	IC-IND, 06 Coilcraft 0603CS-6 1390573	green
2 L84 L132	2200NH	IC-IND, 100 COILCRAF 1008CS-22 1391382	green
2 L86 L170	33NH	IND 0603 COILCRAF 0603CS-3 1364385	green
2 L88 L92	820NH	IND-1008 Coilcraft 1008cs-82 1388548	green
1 L101	27NH	IC-IND, 08 Coilcraft 0603CS-27 1390560	green
1 L102	12 nH	IND-0805 Coilcraft 0805CS-12 1346633	green
6 L103 L104	12NH	IC-IND, 04 COILCRAF 0402CS-12 1390594	green
8 L105 L106	3.3NH	IND-0402 COILCRAF 0402CS-3 1388213	green
2 L109 L110	Ferrite	FER BEAD MURATA M BLM31PG 1052747	green
3 L129 L130	700 4A	CHOKE-C Pulse P0469 1315815	green
1 L133	47NH	IND-0805 COILCRAF 0805CS-47 1355941	green
1 L143	51uH	CHOKE, C EPCOS AC B82790-SC 1153491	green

2 L177 L187 3.9NH	IND-0402 3 COILCRAF 0402CS-3M	1395932	green
4 L178 L182 1.5uH	IND-SMT 1SUMIDA C CDRH105F	1294145	green
2 L192 R147 0	IC-IND, 06 COILCRAF 0603CS-5C	1351727	green
2 LB1 LB2 1166551	LABEL BL/	1166551	green
9 MT1 MT2 M Pad225_12	MOUNTIN(	MOUNTIN(	green
2 P3 P4 HDR2X5	HDR, PIN . SAMTEC II FTSH-105-	1052224	SMT green
1 PWB1 1420784		1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W	1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT390-	1356245	green
100 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET	1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET	1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET	1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET	1408954	yellow
2 R36 R442 5.1	RES-0402 KOA SPEE RK73B1ET	1307661	green
3 R40 R443 866	RES-0402 KOA SPEE RK73H1ET	1307669	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB	1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET	1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET	1350533	green
2 R58 R153 698	RES-0402 KOA SPEE PN RK73H	1409330	green
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET	1393612	green
11 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET	1390430	green
3 R62 R69 R11.5	RES-0402 KOA SPEE RK73H1ET	1415782	green
6 R63 R68 R432	RES-0402 KOA SPEE RK73H1ET	1415771	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET	1379287	green
2 R73 R193 61.9	RES-0402 KOA SPEE RK73H1ET	1355172	yellow
4 R74 R75 R110 OHM	RES-0402 KOA SPEE RK73H1ET	1391764	green
2 R81 R143 23.7	RES-0402 KOA SPEE RK73H1ET	1415783	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET	1415769	green
48 R88 R137 30.1	RES-0402 KOA SPEE RK73H1ET	1404824	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET	1350539	green
10 R100 R101 130	RES-0402 KOA SPEE RK73H1ET	1350541	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET	1407814	green
1 R103 1.37K	RES-0402 KOA SPEE RK73H1ET	1420948	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET	1390429	green
2 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET	1393586	green
5 R124 R131 221	RES - 0402 KOA SPEE RK73H1ET	1379709	green
2 R127 R569 2.74K	RES-0402 KOA SPEE RK73H1ET	1393587	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET	1410031	green
1 R136 1.21K	RES-0402 KOA SPEE RK73H1ET	1393589	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET	1387870	green
1 R141 10K	THERMIST MURATA M NCP15XH	1420941	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET	1387866	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET	1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET	1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET	1387872	green
11 R208 R242 200	RES-0402 KOA SPEE RK73H1ET	1420838	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET	1379707	green
1 R223 43.2	RES-0402 KOA SPEE RK73H1ET	1350536	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET	1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY	1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F	1405080	green

1	R349	121	RES-0402	KOA SPEE RK73H1ET	1393595	green	
2	R352	R452.67K	RES-0402	KOA SPEE RK73H1ET	1393597	green	
10	R353	R354562	RES-0603	KOA SPEE RK73H1JT	1351974	green	
4	R355	R367100K	RES-0402	KOA SPEE RK73H1EL	1199453	green	
3	R356	R4518.45K	RES-0402	KOA SPEE RK73H1ET	1393604	green	
4	R357	R3856.81K	RES-0402	KOA SPEE RK73H1ET	1393599	green	
2	R358	R47459.0K	RES-0402	KOA SPEE RK73H1ET	1391357	green	
3	R369	R37C0	RES-1206	KOA SPEE RK73Z2BT	1405068	green	
7	R374	R3755.11K	RES-0402	KOA SPEE RK73H1ET	1393598	green	
1	R386	36.5K	RES-0402	KOA SPEE RK73H1ET	1394995	green	
1	R391	392	RES-0603	KOA SPEE RK73H1JT	1352736	green	
3	R421	R422140	RES-0805	KOA SPEE RK73H2AT	1404815	green	
2	R423	R424150	RES-0805	KOA SPEE RK73H2AT	1404816	green	
4	R429	R43C280 OHM	RES-0603	KAO SPEE RK73H1JT	1377363	green	
2	R435	R45331.6KOHM	RES-0402	KOA SPEE RK73H1ET	1390426	green	
1	R437	48.7	RES-0402	KOA SPEE RK73H1ET	1415770	green	
1	R445	3.3K	RES-0402	KOA SPEE RK73H1ET	1393600	green	
2	R446	R4452.49K	RES-0402	KOA SPEE RK73H1ET	1393602	green	
5	R447	R4482.0K	RES-0402	KOA SPEE RK73H1ET	1393603	green	
2	R457	R46C4.7K	RES-0402	KOA SPEE RK73B1ET	1378200	green	
2	R463	R4650.025 ohm	RES-2512	VISHAY D/ WSL2512F	1393765	green	
1	R466	20K	RES-0402	KOA SPEE RK73H1ET	1325378	green	
1	R478	0.011	RES-PWR,	VISHAY D/ WSL2512F	1350837	green	
2	R510	R511182	RES-0402	KOA SPEE RK73H1ET	1379653	green	
2	R553	R56C11.5K	RES-0402	KOA SPEE RK73H1ET	1391359	green	
4	R561	R5673K	RES-0402	KOA SPEE RK73H1ET	1407571	green	
2	S1 S2	Pushbutton	SW-SMT P	MATSUSH EVQ-PPBA	1165133	green	
1	SCH1	1386063			1386063		
1	SPC1	1317235	LABEL SPI		1317235	green	
1	SPC2	1317237	LABEL SPI		1317237	green	
1	SW3	0 - 15	SW-SMT 1	ITT CANN(CD16RM0)	1358390	green	
6	T1 T2 T4 T	3-300MHZ	XFMR-2:1	MINI-CIRC TCM2-1T+	1356362	green	
1	T3	500-3000M	XFMR-SM	ITYCO ELE MABACTO	1387896	green	
3	T5 T14 T16	XFMR	XFMR-SM	MINI-CIRC TC1-1T+	1390614	green	
1	T10	4:1	XFMR-SM	MINI-CIRC TCM4-6T+	1393432	green	
1	T13	XFMR	XFMR-SM	MINI-CIRC TCM1-1+	1388323	green	
2	T15 T17	2-500MHZ	XFMR-RF	MINI-CIRC TCM8-1+	1406466	yellow	
18	TPF0 TPF1	SM_SQ32	Test Point :		Test_Point	yellow	
2	U1 U21	PE4302-52	IC, 6 BIT D	PEREGRIN PE4302-52	1382578	green	
1	U10	-	IC-MIXER	LINEAR TELT5512EU	1405641	green	
2	U108 U11C	74AC04	INV-SO14	FAIRCHILD 74ACT04S	1121133	green	
1	U11	LM2903	IC, COMP,	TEXAS INSTR LM2903PV	1396411	green	
1	U131	AD9445	IC-TQFP 1	ANALOG [AD9445BS	1407546	green	
1	U3	HMC539LF	IC-MMIC A	HITTITE M HMC539LF	1378206	green	
5	U4 U28 U2	SBB-10892	IC-MCM	RISIRENZA I SBB-10892	1388209	green	
1	U5	937.5MHZ/	FLTR-SMD	INTEGRAT F8152	1295687	green	
1	U7	257.5MHz	FLTR-SMT	TAI-SAW T	1393430	1393430	green
1	U9	60-3000 M	RFAMP-SC	WJ COMM AM1-G	1378222	green	
1	U13	LT5514EF	IC-AMP-TSSC	LINEAR TELT5514EF	1387889	green	
1	U14	LT5521	MIXER HIC	LINEAR TELT5521EU	1364584	green	
2	U15 U116	15DB	IC-RFAMP	ANALOG [ADL5541A	1406533	green	

1 U16	70MHz	FLTR-SMT TAI-SAW T	1393427	1393427	green			
1 U17	899.0 MHz	FLTR-SMD INTEGRAT F8994	1295684		green			
1 U20	250-2500 M	IC-MCM RISKYWORK SKY65009	1378208		green			
1 U22	AD9779	DA CONV- ANALOG C	AD9779AB	1417751	green			
1 U25	AD9510BC	IC-PLL CL	ANALOG C	AD9510BC	1387892	green		
1 U26	EP2S15F4	IC-FPGA 4 ALTERA	EP2S15F4	1382685	green			
1 U27	70MHz	FLTR-SMT TAI-SAW T	1393427	1393427	green			
2 U30 U32	VCO 892-1	VCO-D16 {UMC	UMZ-1651	1392823	green			
6 U33 U35	U Amp	AMP-SO6 I	NEC ELEC	UPC3215T	1387860	green		
1 U34	VCO 316 M	VCO-R16 {UMC	UMZ-1650	1392824	green			
26 U39 U40	U TPS73001	REG VOLT TI	TPS73001	1385973	green			
7 U56 U59	U TPS78601	IC- REG L	TEXAS IN	TPS78601	1356558	green		
2 U66 U67	ADF4156	IC-FRAC-F	ANALOG C	ADF4156B	1387901	green		
1 U84	PD09-73LF	IC-COMBC	SKYWORK	PD09-73LF	1390199	green		
1 U85	1K: 128X8	IC-EEPROM	ATMEL	CC AT24C01A	1389716	green		
1 U86	.81-.96GH	IC-DIRECT	SKYWORK	DC09-73	1390206	green		
3 U92 U93	U MIC5235	IC LINEAR	MICREL	MIC5235Y	1384309	green		
1 U95	REG	PS - DC-D	ASTEC	AM ATH10K12	1378037	green		
2 U99 U100	OpAmp	OPAMP-S	C LINEAR	TE LT6200IS6	1421617	green		
1 U102	SKY13267	IC, DPDT	S	SKYWORK	13267-321	1396413	green	
1 U103	1:2 LVDS	E IC 1:2	LVD	MICREL	S	SY89835U	1388992	green
1 U105	ADF4360-7	IC-SYNTH	ANALOG C	ADF4360-7	1390246	green		
1 U107	FREQ SYNC	IC FREQ	S	ANALOG C	ADF4252B	1361482	green	
1 U112	D/A CONV	IC-TSSOP	NATIONAL	ADC088SC	1391273	green		
2 U113 U114	AD8312	IC RF DET	ANALOG C	AD8312AC	1392693	green		
1 U115	TMP36	IC,LOW-V	C Analog	Dev TMP36GR	1392675	green		
3 U117 U119	NTLJS411	IC, PWR, M	ON SEMI	C NTLJS411	1393596	green		
3 U118 U121	LTC4210-1	IC, HOT S	LINEAR	TE LTC4210-1	1393584	green		
1 U120	M74VHC1	C IC-SC70-5	ON SEMI	C M74VHC1	1394109	green		
2 U125 U126	6DB	THERMOP	EMC	TECH MTVA0600	1414532	green		
1 U127	PI90LV386	IC-TSSOP	PERICOM	PI90LV38	1407351	green		
1 U128	PI90LV02	IC-SOT23	PERICOM	PI90LV02T	1407349	green		
1 U130	PI90LV01	IC XMTR	S	PERICOM	PI90LV01T	1368576	green	
1 U136	25.000 MH	OSC, 25.0	C	FOX ELEC	F530L-25.C	1177578	green	
1 U137	LT5557	IC-16QFN	LINEAR	TE LT5557EU	1409859	green		

Pkg	Omit
0402	
0402	
SMT0402	
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SMT0603	
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SMT0805	
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SMT1206	
SMT7343	
SMT1206	
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SMT0402	
0603 SMT	
SMT1206	

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SMA
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SMB
TH
SMT
0603

X

SMT-0603
custom

SMT0402
SM 0603

0402
0603
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0603
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0603
SMT
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0805
SMT0402
SMT0402
Smt 1206
SMT 7060_
SMT0805
SMT4pin

SMT
SMT0603

X

Sot23
Sot23
0402
SMT0402
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SMT0402
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SMT0603
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SMT1206
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SM0603
SMT0805
SMT0805
SMT0603
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0402
0402
0402
SMT0402
2512
SMT0402
SMT 2512
SMT0402
0402
0402
Smt 2 PIN

X
X
X

SMT
DB714
XFRMR5_5

DB714
6Pin
TCM8-1+
SM Pad
20L 4X4 Q

Smt SO14
TSSOP8
100 pin TQ

SOT89

TSSOP20

cp-8-2

TQFP100
QFN64_GF
780 BGA

Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP

Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Quantity	Part Refere	Value	Description Manufactur	Manufactur	Part Numb	Mount	RoHS
3	C1 C120	C 3PF	TVS 0403	AVX CORF	VC04AG1E	1385806	green
2	C2 C48	5.1 PF	CAP-0402	AVX CORF	04025A5R	1415740	green
58	C3 C5 C10	47pf	CAP-0402	AVX CORF	04025A47C	1260396	green
59	C4 C6 C7	(1000PF	CAP-0402	MURATA	MGRM1555C	1421416	green
2	C17 C615	0.5PF	CAP - 0402	KEMET EL	C0402C50	1311730	green
2	C19 C20	2200PF	CAP-0603	AVX CORF	06035C22	1379684	green
8	C21 C307	12.2PF	CAP-0402	AVX CORF	04025A2R	1393447	green
6	C24 C25 C	150pf	CAP - 0402	AVX CORF	04025A151	1307780	green
76	C35 C38 C	NI	CAP-0402	KEMET EL	C0402C10	1228664	green
8	C36 C53 C	27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344	green
1	C37	18pF	CAP-0402	AVX CORF	04025A18C	1409315	green
61	C41 C68 C	0.1UF	CAP-0402	KEMET EL	C0402C10	1355907	green
1	C46	1800PF	CAP-0402	KEMET EL	C0402C18	1393946	green
5	C49 C114	3.9pF	CAP-0402	AVX CORF	04025A3R	1311855	green
3	C51 C119	5.6PF	CAP-0402	AVX CORF	04025A5R	1310910	green
3	C52 C284	33PF	CAP-0402	AVX CORF	04025A33C	1391751	green
1	C55	47 PF	CAP 0402	KOA SPEE	C0402C47	1900032P	green
9	C59 C77 C	1uf	CAP - 0603	AVX CORF	0603ZD10	1328674	green
40	C63 C66 C	15PF	CAP-0402	AVX CORF	04025A15C	1391362	green
3	C65 C107	22PF	CAP-0402	AVX CORF	04025A22C	1391757	green
57	C75 C86 C	.1UF	CAP-0402	AVX CORF	0402ZD10	1346732	green
4	C78 C81 C	56pF	CAP 0603	KEMET EL	C0603C56	2-61007-5C	green
1	C80	22PF	CAP-0402	AMERICA	600L220JT	1421791	green
1	C101	1.5pF	CAP-0402	MATSUSH	ECJ0EC1F	1168769	green
4	C128 C607	10PF	CAP-0402	AVX CORF	04025A10C	1407237	green
36	C149 C175	10uF	CAP 10uF	AVX CORF	1206YD10	1350827	green
66	C176 C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580	green
5	C181 C321	6.8PF	CAP-0402	AVX CORF	04025A6R	1311732	green
1	C184	3.3PF	CAP-0402	AVX CORF	04025A3R	1407236	green
32	C191 C201	0.47UF	CAPACITC	KEMET EL	C0805C47	1084319	green
43	C192 C202	2.2UF	CAP-0603	AVX CORF	06036C22	1414928	green
36	C193 C203	0.01uf	CAPACITC	KEMET EL	C0402C10	1115157	green
6	C196 C198	220PF	CAP-0402	AVX CORF	04025A221	1391756	green
7	C281 C305	100PF	CAP-0402	AVX CORF	04025A101	1310921	green
2	C294 C299	120PF	CAP-0402	AVX CORF	04025A121	1311733	green
2	C308 C318	2.7PF	CAP-0402	KEMET EL	C0402C27	1310770	green
2	C312 C313	8.2PF	CAP-0402	AVX CORF	04025A8R	1390609	green
3	C314 C323	10pF	CAP-0402	MATSUSH	ECJ0EC1F	1168788	green
2	C328 C329	12PF	CAP-0402	AVX CORF	04025A12C	1390612	green
1	C331	22pf	CAP - 0402	AVX CORF	04025A22C	1307704	green
2	C355 C356	1uF	CAP-1206	KEMET EL	C1206C10	1355532	green
2	C382 C383	180uF	CAP-7343	KEMET	A700X187	1292274	green
1	C426	0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187	green
1	C428	0.068uF	CAP-0603	KEMET EL	C0603C68	1355493	green
3	C450 C451	2.2UF	CAP-1206	MURATA	MGRM316R	1322531	green
18	C459 C462	.01UF	CAP-0402	KEMET EL	C0402C10	1393944	green
2	C566 C567	22UF	CAP-1210	AVX CORF	1210YD22	1390245	green
2	C603 C622	0.01UF	CAP-0603	Kemet	C0603C10	1342700	green
1	C604	0.1uF	CAP 1206	KEMET EL	C1206C10	2-61100-4C	green
1	C605	8200pF	CAP 0805	KEMET EL	C0805C82	2-61100-4C	green

1 C606	1.8PF	CAP-0402 AVX CORF04025A1R1	1393770	green
2 C629 C63C	330UF	NGF-W27L CORNELL AFK337M1	1392829	green
3 C682 C683	2.0PF	CAP-0402 MATSUSH ECJ0EC1F	1168770	green
14 C710 C7110		CAP 0402 KOA SPEE C0402C47	1350532	green
1 D1	400W	IC, ZEN DI ON SEMIC 1SMA6.0A	1393773	green
1 D2	13V	IC, ZEN DI ON SEMIC 1SMA13A1	1393774	green
4 D3 D4 D5	BAV70WT	IC-SC70 D ON SEMI BAV70WT	1394121	green
1 D8	3W	IC, ZEN DI ON SEMIC 1SMB5915	1393772	green
1 DS1	LED	LED-TH R/ KINGBRIG WP130WC	1348407	green
2 DS3 DS4	Led	LED-SOT2 LUMEX IN SSL-LX15I	20.0068	green
1 DS5	RED	LED - RED LITE-ON E LTST-C19C	1363382	green
1 DWG1	1386097		1386097	
78 E1 E2 E3 E	0.47UF	FLTR-0603 MURATA M NFM18PS4	1405327	green
1 FL1	184.32MHz	CRYSTAL TOYOCON TF2-J4DB1	1322537	green
3 J1 J2 J3	conn_smp_QMA	STR/HUBER+S 82_QMA-5	1391388	yellow
1 J4	98	Fingers for	conn_pci_1	green
4 L1 L96 L97	6.8NH	IND-0402 COILCRAF 0402CS-6M	1405252	green
70 L2 L3 L4 L	Ferrite	BEAD, FEF murata BLM18AG	1176788	green
1 L6	1.2UH	IC-IND, 10 COILCRAF 1008CS-12	1390589	green
1 L10	2.7NH	IND-0402 TOKO AM LL1005-FH	1393741	green
9 L12 L24 L4	39NH	IND 0603 COILCRAF 0603CS-3C	1396401	green
7 L14 R44 R	17.8	RES-0402 KOA SPEE RK73H1E1	1387867	green
1 L15	110NH	IND-0603 COILCRAF 0603CS-R	1418387	green
3 L23 L39 L1	180NH	IND 0805 Coilcraft 0805CS-1E	1408911	green
1 L25	8.7NH	IND-0402 COILCRAF 0402CS-8M	1414637	yellow
2 L27 L83	91NH	IND-0805 Coilcraft 0805CS91	1415734	green
7 L30 L71 L9	8.2NH	IND-0402 TOKO AM LL1005-FH	1390618	green
2 L35 L45	220NH	IND 0805 Coilcraft 0805CS-22	1408759	green
2 L36 L43	330NH	IND 0805 Coilcraft 0805CS-3C	1408754	yellow
4 L38 L42 L5	120NH	IC-IND, 08 Coilcraft 0805CS-12	1390547	green
1 L46	56NH	IC-IND, 06 COILCRAF 0603CS-5E	1390605	green
3 L49 L58 L9	100 nH	IND-0805 Coilcraft 0805CS-1C	1346643	green
7 L50 L53 L9	150NH	IC-IND, 08 Coilcraft 0805CS-1E	1390549	green
1 L52	22nH	IND-0805 Coilcraft 0805CS-22	1346637	green
5 L54 L55 L1	10NH	IND-0402 TOKO AM LL1005-FH	1390617	green
1 L56	18NH	IND-0603 Coilcraft 0603CS-1E	1410993	green
1 L69	3.3pF	CAP-0402 YAGEO C 0402FG33	1298364	green
1 L79	82NH	IND-0805 COILCRAF 0805CS-82	1355946	green
1 L80	68NH	IC-IND, 06 Coilcraft 0603CS-6E	1390573	green
2 L84 L132	2200NH	IC-IND, 100 COILCRAF 1008CS-22	1391382	green
2 L86 L170	33NH	IND 0603 COILCRAF 0603CS-3C	1364385	green
2 L88 L92	820NH	IND-1008 Coilcraft 1008cs-82	1388548	green
1 L101	27NH	IC-IND, 08 Coilcraft 0603CS-27	1390560	green
1 L102	12 nH	IND-0805 Coilcraft 0805CS-12	1346633	green
7 L103 L104	12NH	IC-IND, 04 COILCRAF 0402CS-12	1390594	green
8 L105 L106	3.3NH	IND-0402 COILCRAF 0402CS-3M	1388213	green
2 L109 L110	Ferrite	FER BEAD MURATA M BLM31PG	1052747	green
3 L129 L130	700 4A	CHOKE-C Pulse P0469	1315815	green
1 L133	47NH	IND-0805 COILCRAF 0805CS-47	1355941	green
1 L143	51uH	CHOKE, C EPCOS AC B82790-SC	1153491	green
2 L177 L187	3.9NH	IND-0402 COILCRAF 0402CS-3M	1395932	green

4 L178 L182 1.5uH	IND-SMT 1SUMIDA C CDRH105F 1294145	green
2 L192 R147 0	IC-IND, 06(COILCRAF 0603CS-56 1351727	green
2 LB1 LB2 1166551	LABEL BL/ 1166551	green
9 MT1 MT2 1Pad225_12	MOUNTIN(MOUNTIN(	green
2 P3 P4 HDR2X5	HDR, PIN .SAMTEC II FTSH-105- 1052224 SMT	green
1 PWB1 1420784	1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W 1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT3904 1356245	green
100 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET 1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET 1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET 1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET 1408954	yellow
3 R36 R79 R5.1	RES-0402 KOA SPEE RK73B1ET 1307661	green
5 R40 R83 R866	RES-0402 KOA SPEE RK73H1ET 1307669	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB 1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET 1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET 1350533	green
2 R58 R153 698	RES-0402 KOA SPEE PN RK73H 1409330	green
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET 1393612	green
9 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET 1390430	green
3 R62 R69 R11.5	RES-0402 KOA SPEE RK73H1ET 1415782	green
6 R63 R68 R432	RES-0402 KOA SPEE RK73H1ET 1415771	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET 1379287	green
2 R73 R223 43.2	RES-0402 KOA SPEE RK73H1ET 1350536	green
12 R74 R75 R130	RES-0402 KOA SPEE RK73H1ET 1350541	green
2 R81 R143 23.7	RES-0402 KOA SPEE RK73H1ET 1415783	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET 1415769	green
48 R88 R137 30.1	RES-0402 KOA SPEE RK73H1ET 1404824	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET 1350539	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET 1407814	green
1 R103 1.37K	RES-0402 KOA SPEE RK73H1ET 1420948	green
14 R107 R109 51.1	RES-0402 KOA SPEE RK73H1ET 1350537	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET 1390429	green
2 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET 1393586	green
5 R124 R131 221	RES - 0402 KOA SPEE RK73H1ET 1379709	green
2 R127 R569 2.74K	RES-0402 KOA SPEE RK73H1ET 1393587	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET 1410031	green
1 R136 1.21K	RES-0402 KOA SPEE RK73H1ET 1393589	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET 1387870	green
1 R141 10K	THERMIST MURATA M NCP15XH 1420941	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET 1387866	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET 1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET 1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET 1387872	green
1 R193 61.9	RES-0402 KOA SPEE RK73H1ET 1355172	yellow
2 R194 R195 110 OHM	RES-0402 KOA SPEE RK73H1ET 1391764	green
11 R208 R242 200	RES-0402 KOA SPEE RK73H1ET 1420838	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET 1379707	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET 1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY 1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F 1405080	green

1	R349	121	RES-0402 KOA SPEE RK73H1ET	1393595	green
2	R352	R455 2.67K	RES-0402 KOA SPEE RK73H1ET	1393597	green
10	R353	R354 562	RES-0603 KOA SPEE RK73H1JT	1351974	green
4	R355	R367 100K	RES-0402 KOA SPEE RK73H1EL	1199453	green
3	R356	R451 8.45K	RES-0402 KOA SPEE RK73H1ET	1393604	green
4	R357	R385 6.81K	RES-0402 KOA SPEE RK73H1ET	1393599	green
2	R358	R474 59.0K	RES-0402 KOA SPEE RK73H1ET	1391357	green
3	R369	R37C 0	RES-1206 KOA SPEE RK73Z2BT	1405068	green
7	R374	R375 5.11K	RES-0402 KOA SPEE RK73H1ET	1393598	green
1	R386	36.5K	RES-0402 KOA SPEE RK73H1ET	1394995	green
1	R391	392	RES-0603 KOA SPEE RK73H1JT	1352736	green
3	R421	R422 140	RES-0805 KOA SPEE RK73H2AT	1404815	green
2	R423	R424 150	RES-0805 KOA SPEE RK73H2AT	1404816	green
4	R429	R43C 280 OHM	RES-0603 KAO SPEE RK73H1JT	1377363	green
2	R435	R453 31.6KOHM	RES-0402 KOA SPEE RK73H1ET	1390426	green
1	R437	48.7	RES-0402 KOA SPEE RK73H1ET	1415770	green
1	R445	3.3K	RES-0402 KOA SPEE RK73H1ET	1393600	green
2	R446	R445 2.49K	RES-0402 KOA SPEE RK73H1ET	1393602	green
5	R447	R448 2.0K	RES-0402 KOA SPEE RK73H1ET	1393603	green
2	R457	R46C 4.7K	RES-0402 KOA SPEE RK73B1ET	1378200	green
2	R463	R465 0.025 ohm	RES-2512 VISHAY D/ WSL2512F	1393765	green
1	R466	20K	RES-0402 KOA SPEE RK73H1ET	1325378	green
1	R478	0.011	RES-PWR, VISHAY D/ WSL2512F	1350837	green
2	R510	R511 182	RES-0402 KOA SPEE RK73H1ET	1379653	green
2	R553	R56C 11.5K	RES-0402 KOA SPEE RK73H1ET	1391359	green
4	R561	R567 3K	RES-0402 KOA SPEE RK73H1ET	1407571	green
2	S1 S2	Pushbutton	SW-SMT P MATSUSH EVQ-PPBA	1165133	green
1	SCH1	1386069		1386069	
1	SPC1	1317235	LABEL SPI	1317235	green
1	SPC2	1317237	LABEL SPI	1317237	green
1	SW3	0 - 15	SW-SMT 1 ITT CANN(CD16RM0)	1358390	green
6	T1 T2 T4 T	3-300MHZ	XFMR-2:1 MINI-CIRC TCM2-1T+	1356362	green
1	T3	500-3000M	XFMR-SMITYCO ELE MABACTO	1387896	green
4	T5 T13 T14	XFMR	XFMR-SM MINI-CIRC TC1-1T+	1390614	green
1	T10	4:1	XFMR-SM MINI-CIRC TCM4-6T+	1393432	green
2	T15 T17	2-500MHZ	XFMR-RF MINI-CIRC TCM8-1+	1406466	yellow
18	TPF0 TPF1	SM_SQ32	Test Point :	Test_Point	yellow
2	U1 U21	PE4302-52	IC, 6 BIT D PEREGRIN PE4302-52	1382578	green
1	U10	-	IC-MIXER LINEAR TELT5512EU	1405641	green
2	U108 U11C	74AC04	INV-SO14 FAIRCHILD 74ACT04S	1121133	green
1	U11	LM2903	IC, COMP, TEXAS INSTR LM2903PV	1396411	green
1	U131	AD9445	IC-TQFP 1 ANALOG [AD9445BS	1407546	green
1	U3	HMC539LF	IC-MMIC A HITTITE M HMC539LF	1378206	green
5	U4 U28 U2	SBB-10892	IC-MCM RISIRENZA I SBB-10892	1388209	green
1	U5	899.0 MHz	FLTR-SMD INTEGRAT F8994	1295684	green
1	U7	257.5MHz	FLTR-SMT TAI-SAW T 1393430	1393430	green
1	U9	60-3000 M	RFAMP-SCWJ COMM AM1-G	1378222	green
1	U13	LT5514EF	IC-AMP-TSSCLINEAR TELT5514EF	1387889	green
1	U14	LT5521	MIXER HICLINEAR TELT5521EU	1364584	green
1	U15	15DB	IC-RFAMP ANALOG [ADL5541A	1406533	green
1	U16	70MHz	FLTR-SMT TAI-SAW T 1393427	1393427	green

1 U17	937.5MHZ/ FLTR-SMD INTEGRAT F8152	1295687	green
1 U20	250-2500 M IC-MCM RISKYWORK SKY65009	1378208	green
1 U22	AD9779 DA CONV- ANALOG C AD9779AB	1417751	green
1 U25	AD9510BC IC-PLL CL ANALOG C AD9510BC	1387892	green
1 U26	EP2S15F4 IC-FPGA 4 ALTERA EP2S15F4	1382685	green
1 U27	70MHz FLTR-SMT TAI-SAW T	1393427 1393427	green
2 U30 U32	VCO 892-1 VCO-D16 UMC UMZ-1651	1392823	green
6 U33 U35	U Amp AMP-SO6 NEC ELEC UPC3215T	1387860	green
1 U34	VCO 316 M VCO-R16 UMC UMZ-1650	1392824	green
26 U39 U40	U TPS73001 REG VOLT TI TPS73001	1385973	green
7 U56 U59	U TPS78601 IC- REG L TEXAS IN TPS78601	1356558	green
2 U66 U67	ADF4156 IC-FRAC-F ANALOG C ADF4156B	1387901	green
1 U84	PD09-73LF IC-COMB SKYWORK PD09-73LF	1390199	green
1 U85	1K: 128X8 IC-EEPROM ATMEL CC AT24C01A	1389716	green
1 U86	.81-.96GH IC-DIRECT SKYWORK DC09-73	1390206	green
3 U92 U93	U MIC5235 IC LINEAR MICREL MIC5235Y	1384309	green
1 U95	REG PS - DC-DI ASTEC AM ATH10K12	1378037	green
2 U99 U100	OpAmp OPAMP-S LINEAR TELT6200IS6	1421617	green
1 U102	SKY13267 IC, DPDT S SKYWORK 13267-321	1396413	green
1 U103	1:2 LVDS E IC 1:2 LVD MICREL SI SY89835U	1388992	green
1 U105	ADF4360-7 IC-SYNTH: ANALOG C ADF4360-7	1390246	green
1 U107	FREQ SYNC FREQ S ANALOG C ADF4252B	1361482	green
1 U112	D/A CONV IC-TSSOP: NATIONAL ADC088SC	1391273	green
2 U113 U114	AD8312 IC RF DET ANALOG C AD8312AC	1392693	green
1 U115	TMP36 IC, LOW-V Analog Dev TMP36GR	1392675	green
1 U116	20DB IC-RFAMP ANALOG C ADL5542A	1406534	green
3 U117 U119	NTLJS411 IC, PWR, MON SEMIC NTLJS411	1393596	green
3 U118 U121	LTC4210-1 IC, HOT S LINEAR TELT4210-1	1393584	green
1 U120	M74VHC1C IC-SC70-5 ON SEMIC M74VHC1C	1394109	green
2 U125 U126	6DB THERMOP EMC TECH MTVA0600	1414532	green
1 U127	PI90LV386 IC-TSSOP PERICOM PI90LVT38	1407351	green
1 U128	PI90LV02 IC-SOT23 PERICOM PI90LV02T	1407349	green
1 U130	PI90LV01 IC XMTR S PERICOM PI90LV01T	1368576	green
1 U136	25.000 MH OSC, 25.0 FOX ELEC F530L-25.C	1177578	green
1 U137	LT5557 IC-16QFN LINEAR TELT5557EU	1409859	green

Pkg	Omit
0402	
0402	
SMT0402	
0402	
SMT0402	
SMT0603	
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SMT0402	
SMT0402	X
SMT0402	
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SMT0402	
SMT0402	
SMT0402	
SMT1206	
SMT7343	
SMT1206	
SMT0603	
SMT1206	
SMT0402	
SMT1210	
0603 SMT	
SMT1206	
SMT0805	

SMT0402

<Pkg>

SMT0402

0402

SMA

SMA

SMB

TH

SMT

0603

X

SMT-0603

custom

X

SMT0402

SM 0603

0402

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SMT

SMT

0805

SMT0402

SMT0402

Smt 1206

SMT 7060_

SMT0805

SMT4pin

X

X

0402
0402
SM0603
SMT0402
0402
0402
0402
SMT1206
0402
0402
SM0603
SMT0805
SMT0805
SMT0603
0402
0402
0402
0402
0402
SMT0402
2512
SMT0402
SMT 2512
SMT0402
0402
0402
Smt 2 PIN

X
X
X

SMT
DB714
XFRMR5_5

DB714
TCM8-1+
SM Pad
20L 4X4 Q

Smt SO14
TSSOP8
100 pin TQ

SOT89

TSSOP20

cp-8-2

TQFP100
QFN64_GF
780 BGA

Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP.

cp-8-2

Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Quantity	Part	Refere	Value	Description	Manufactur	Manufactur	Part Numb	Mount	RoHS
3	C1	C119	C 3.0PF	CAP-0402	AVX	CORF	04025A3R	1393448	green
2	C2	C707	2.2PF	CAP-0402	AVX	CORF	04025A2R	1393447	green
46	C3	C5	C10 10PF	CAP-0402	AVX	CORF	04025A10	1407237	green
59	C4	C6	C7 (1000PF	CAP-0402	MURATA	MGRM	1555C	1421416	green
56	C12	C13	C 15PF	CAP-0402	AVX	CORF	04025A15	1391362	green
2	C17	C615	0.5PF	CAP - 0402	KEMET	EL	C0402C50	1311730	green
2	C19	C20	2200PF	CAP-0603	AVX	CORF	06035C22	1379684	green
3	C21	C51	C 1.8PF	CAP-0402	AVX	CORF	04025A1R	1393770	green
2	C24	C25	150pf	CAP - 0402	AVX	CORF	04025A15	1307780	green
80	C35	C38	C NI	CAP-0402	KEMET	EL	C0402C10	1228664	green
1	C36		27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344	green	
1	C37		18pF	CAP-0402	AVX	CORF	04025A18	1409315	green
61	C41	C68	C 0.1UF	CAP-0402	KEMET	EL	C0402C10	1355907	green
1	C46		1800PF	CAP-0402	KEMET	EL	C0402C18	1393946	green
1	C48		5.1 PF	CAP-0402	AVX	CORF	04025A5R	1415740	green
2	C49	C183	3.9pF	CAP-0402	AVX	CORF	04025A3R	1311855	green
3	C52	C284	33PF	CAP-0402	AVX	CORF	04025A33	1391751	green
5	C53	C92	C 27 PF	CAP 0402	KOA	SPEE	NP00402F	1900032P	green
9	C59	C77	C 1uf	CAP - 0603	AVX	CORF	0603ZD10	1328674	green
2	C62	C67	47 PF	CAP 0402	KOA	SPEE	C0402C47	1900032P	green
3	C65	C107	22PF	CAP-0402	AVX	CORF	04025A22	1391757	green
57	C75	C86	C .1UF	CAP-0402	AVX	CORF	0402ZD10	1346732	green
4	C78	C81	C 56pF	CAP 0603	KEMET	EL	C0603C56	2-61007-50	green
1	C80		22PF	CAP-0402	AMERICAN	600L	220JT	1421791	green
1	C109		5.6PF	CAP-0402	AVX	CORF	04025A5R	1310910	green
3	C114	C321	2.7PF	CAP-0402	KEMET	EL	C0402C27	1310770	green
4	C116	C184	3.3PF	CAP-0402	AVX	CORF	04025A3R	1407236	green
36	C149	C175	10uF	CAP 10uF	AVX	CORF	1206YD10	1350827	green
66	C176	C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580	green	
3	C181	C333	6.8PF	CAP-0402	AVX	CORF	04025A6R	1311732	green
32	C191	C201	0.47UF	CAPACITC	KEMET	EL	C0805C47	1084319	green
43	C192	C202	2.2UF	CAP-0603	AVX	CORF	06036C22	1414928	green
36	C193	C203	0.01uf	CAPACITC	KEMET	EL	C0402C10	1115157	green
6	C196	C198	220PF	CAP-0402	AVX	CORF	04025A22	1391756	green
9	C279	C280	12PF	CAP-0402	AVX	CORF	04025A12	1390612	green
7	C281	C305	100PF	CAP-0402	AVX	CORF	04025A10	1310921	green
2	C294	C299	120PF	CAP-0402	AVX	CORF	04025A12	1311733	green
8	C307	C308	1.2PF	CAP-0402	AVX	CORF	04025A1R	1311840	green
1	C331		22pf	CAP - 0402	AVX	CORF	04025A22	1307704	green
2	C355	C356	1uF	CAP-1206	KEMET	EL	C1206C10	1355532	green
2	C382	C383	180uF	CAP-7343	KEMET		A700X187	1292274	green
1	C426		0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187	green	
1	C428		0.068uF	CAP-0603	KEMET	EL	C0603C68	1355493	green
3	C450	C451	2.2UF	CAP-1206	MURATA	MGRM	316R	1322531	green
18	C459	C462	0.01UF	CAP-0402	KEMET	EL	C0402C10	1393944	green
2	C541	C696	2.0PF	CAP-0402	MATSUSH	ECJ0EC1F	1168770	green	
2	C566	C567	22UF	CAP-1210	AVX	CORF	1210YD22	1390245	green
15	C599	R107	51.1OHM	CAP-0402	AVX	CORF	04025A3R	1350537	green
2	C603	C622	0.01UF	CAP-0603	Kemet		C0603C10	1342700	green
1	C604		0.1uF	CAP 1206	KEMET	EL	C1206C10	2-61100-40	green

1 C605	8200pF	CAP 0805 KEMET EL C0805C82 2-61100-40	green
2 C629 C630	330UF	NGF-W27L CORNELL AFK337M1 1392829	green
17 C710 C7110		CAP 0402 KOA SPEE C0402C47 1350532	green
1 D1	400W	IC, ZEN DI ON SEMIC 1SMA6.0A 1393773	green
1 D2	13V	IC, ZEN DI ON SEMIC 1SMA13A1 1393774	green
4 D3 D4 D5	BAV70WT	IC-SC70 D ON SEMI BAV70WT: 1394121	green
1 D8	3W	IC, ZEN DI ON SEMIC 1SMB5915 1393772	green
1 DS1	LED	LED-TH R/ KINGBRIG WP130WC 1348407	green
2 DS3 DS4	Led	LED-SOT2 LUMEX IN SSL-LX15 20.0068	green
1 DS5	RED	LED - RED LITE-ON E LTST-C19 1363382	green
1 DWG1	1386097	1386097	
78 E1 E2 E3 E4	0.47UF	FLTR-0603 MURATA MFM18PS 1405327	green
1 FL1	184.32MHz	CRYSTAL TOYOCON TF2-J4DB 1322537	green
2 J1 J3	QMA	CONN, QM HUBER+S 85_QMA-5 1391389 TH	yellow
1 J4	98	Fingers for conn_pci_1	green
1 L1	2.0NH	IND-0402 2 COILCRAF 0402CS-2 1413547	green
70 L2 L3 L4 L5	Ferrite	BEAD, FEF murata BLM18AG 1176788	green
1 L6	1.2UH	IC-IND, 10 COILCRAF 1008CS-12 1390589	green
2 L10 L25	2.7NH	IND-0402 2 COILCRAF 0402CS-2 1407190	green
4 L12 L46 L83	33NH	IND 0603 3 COILCRAF 0603CS-3 1364385	green
7 L14 R44 R17	8	RES-0402 KOA SPEE RK73H1E 1387867	green
1 L15	110NH	IND-0603 1 COILCRAF 0603CS-R 1418387	green
3 L23 L39 L118	0NH	IND 0805 2 Coilcraft 0805CS-1 1408911	green
7 L24 L44 L63	39NH	IND 0603 3 COILCRAF 0603CS-3 1396401	green
2 L27 L83	91NH	IND-0805 5 Coilcraft 0805CS91 1415734	green
2 L30 L161	8.2NH	IND-0402 8 TOKO AM LL1005-FH 1390618	green
2 L35 L45	220NH	IND-0805 2 COILCRAF 0805CS-22 1118432	red
2 L36 L43	330NH	IND 0805 2 Coilcraft 0805CS-3 1408754	green
4 L38 L42 L51	20NH	IC-IND, 08 COILcraft 0805CS-12 1390547	green
3 L49 L58 L91	00 nH	IND-0805 1 Coilcraft 0805CS-1 1346643	green
7 L50 L53 L91	50NH	IC-IND, 08 COILcraft 0805CS-15 1390549	green
1 L52	22nH	IND-0805 2 Coilcraft 0805CS-22 1346637	green
3 L54 L55 L133	3NH	IND-0402 3 COILCRAF 0402CS-3 1388213	green
1 L56	18NH	IND-0603 1 Coilcraft 0603CS-1 1410993	green
2 L65 L101	27NH	IC-IND, 08 COILcraft 0603CS-27 1390560	green
2 L69 L135	3.3NH	IND-0402 3 COILCRAF 0402CS-3 1388213	green
6 L71 L105 L11	1NH	IC-IND, 04 COILCRAF 0402CS-1 1390599	green
1 L79	82NH	IND-0805 8 COILCRAF 0805CS-82 1355946	green
1 L80	120NH	IND 0603 2 COILCRAF 0603CS-R 1408747	green
2 L84 L132	2200NH	IC-IND, 100 COILCRAF 1008CS-22 1391382	green
2 L88 L92	820NH	IND-1008 8 Coilcraft 1008cs-82 1388548	green
4 L94 L95 L93	9NH	IND-0402 3 COILCRAF 0402CS-3 1395932	green
4 L96 L172 L22	2NH	IND-0402 2 COILCRAF 0402CS-2 1395911	green
1 L102	12 nH	IND-0805 1 Coilcraft 0805CS-12 1346633	green
4 L103 L104	12NH	IC-IND, 04 COILCRAF 0402CS-12 1390594	green
2 L109 L110	Ferrite	FER BEAD MURATA MBLM31PG 1052747	green
3 L129 L130	700 4A	CHOKE-C Pulse P0469 1315815	green
1 L133	47NH	IND-0805 4 COILCRAF 0805CS-47 1355941	green
1 L143	51uH	CHOKE, C EPCOS AC B82790-SC 1153491	green
4 L169 L171	1.8NH	IND-0402 1 COILCRAF 0402CS-1 1416187	green
4 L178 L182	1.5uH	IND-SMT 1 SUMIDA C CDRH105F 1294145	green

3 L192 R90 F0	IC-IND, 0603CS-56	1351727	green
2 LB1 LB2 1166551	LABEL BL/	1166551	green
9 MT1 MT2 12	MOUNTING	MOUNTING	green
2 P3 P4 HDR2X5	HDR, PIN . SAMTEC II FTSH-105-	1052224	green
1 PWB1 1420784		1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W	1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT390-	1356245	green
101 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET	1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET	1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET	1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET	1408954	green
4 R36 R62 R5.1	RES-0402 KOA SPEE RK73B1ET	1307661	green
7 R40 R63 R866	RES-0402 KOA SPEE RK73H1ET	1307669	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB	1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET	1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET	1350533	green
2 R58 R153 698	RES- 0402 KOA SPEE RK73H1EL	1317193	yellow
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET	1393612	green
9 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET	1390430	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET	1379287	green
2 R69 R72 11.5	RES-0402 KOA SPEE RK73H1ET	1415782	green
4 R70 R71 R432	RES-0402 KOA SPEE RK73H1ET	1415771	green
3 R73 R81 R23.7	RES-0402 KOA SPEE RK73H1ET	1415783	green
7 R74 R75 R221	RES - 0402 KOA SPEE RK73H1ET	1379709	green
49 R80 R88 RNI	RES-0402 KOA SPEE RK73H1ET	1404824	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET	1415769	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET	1350539	green
10 R100 R101 130	RES-0402 KOA SPEE RK73H1ET	1350541	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET	1407814	green
2 R103 R136 1.21K	RES-0402 KOA SPEE RK73H1ET	1393589	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET	1390429	green
2 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET	1393586	green
1 R127 2.74K	RES 0402 KOA SPEE RK73H1EL	1178780	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET	1410031	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET	1387870	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET	1387866	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET	1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET	1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET	1387872	green
1 R193 61.9	RES-0402 KOA SPEE RK73H1ET	1355172	yellow
2 R194 R195 110 OHM	RES-0402 KOA SPEE RK73H1ET	1391764	green
11 R208 R242 200	RES - 0402 KOA SPEE RK73H1ET	1318229	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET	1379707	green
1 R223 43.2	RES-0402 KOA SPEE RK73H1ET	1350536	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET	1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY	1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F	1405080	green
1 R349 121	RES-0402 KOA SPEE RK73H1ET	1393595	green
2 R352 R455 2.67K	RES-0402 KOA SPEE RK73H1ET	1393597	green
10 R353 R354 562	RES-0603 KOA SPEE RK73H1JT	1351974	green
4 R355 R367 100K	RES 0402 KOA SPEE RK73H1EL	1199453	green

3	R356	R4518.45K	RES-0402	KOA SPEE RK73H1ET	1393604	green
4	R357	R3856.81K	RES-0402	KOA SPEE RK73H1ET	1393599	green
2	R358	R47459.0K	RES-0402	KOA SPEE RK73H1ET	1391357	green
3	R369	R37C0	RES-1206	KOA SPEE RK73Z2BT	1405068	green
7	R374	R3755.11K	RES-0402	KOA SPEE RK73H1ET	1393598	green
1	R386	36.5K	RES-0402	KOA SPEE RK73H1ET	1394995	green
1	R391	392	RES 0603	KOA SPEE RK73H1JT	1352736	green
3	R421	R422140	RES-0805	KOA SPEE RK73H2AT	1404815	green
2	R423	R424150	RES-0805	KOA SPEE RK73H2AT	1404816	green
4	R429	R43C280 OHM	RES-0603	KAO SPEE RK73H1JT	1377363	green
2	R435	R45331.6KOHM	RES-0402	KOA SPEE RK73H1ET	1390426	green
1	R437	48.7	RES-0402	KOA SPEE RK73H1ET	1415770	green
1	R445	3.3K	RES-0402	KOA SPEE RK73H1ET	1393600	green
2	R446	R4492.49K	RES-0402	KOA SPEE RK73H1ET	1393602	green
5	R447	R4482.0K	RES-0402	KOA SPEE RK73H1ET	1393603	green
2	R457	R46C4.7K	RES 0402	KOA SPEE RK73B1ET	1378200	green
2	R463	R4690.025 ohm	RES-2512	VISHAY D/ WSL2512F	1393765	green
1	R466	20K	RES - 0402	KOA SPEE RK73H1ET	1325378	green
1	R478	0.011	RES-PWR, VISHAY D/ WSL2512F	1350837	green	
2	R510	R511182	RES 0402	KOA SPEE RK73H1ET	1379653	green
2	R553	R56C11.5K	RES-0402	KOA SPEE RK73H1ET	1391359	green
4	R561	R5673K	RES-0402	KOA SPEE RK73H1ET	1407571	green
1	R569	2.74K	RES-0402	KOA SPEE RK73H1ET	1393587	green
2	S1 S2	Pushbutton	SW-SMT P MATSUSH	EVQ-PPBA	1165133	green
1	SCH1	1386085			1386085	
1	SPC1	1317235	LABEL SPI		1317235	green
1	SPC2	1317237	LABEL SPI		1317237	green
1	SW3	0 - 15	SW-SMT 1 ITT CANN	(CD16RM0)	1358390	green
6	T1 T2 T4 T	3-300MHZ	XFMR-2:1	MINI-CIRC TCM2-1T+	1356362	green
1	T3	500-3000M	XFMR-SM	ITYCO ELE MABACT0	1387896	green
4	T5 T13 T14	XFMR	XFMR-SM	MINI-CIRC TC1-1T+	1390614	green
1	T10	4:1	XFMR-SM	MINI-CIRC TCM4-6T+	1393432	green
2	T15 T17	2-500MHZ	XFMR-RF	MINI-CIRC TCM8-1+	1406466	green
18	TPF0 TPF1	SM_SQ32	Test Point :		Test_Point	yellow
2	U1 U21	PE4302-52	IC, 6 BIT D PEREGRIN	PE4302-52	1382578	green
2	U108 U11C	74AC04	INV-SO14 . FAIRCHILD	74ACT04S	1121133	green
1	U131	AD9445	IC-TQFP 1 ANALOG	[AD9445BS	1407546	green
1	U3	HMC539LF	IC-MMIC A HITTITE	M HMC539LF	1378206	green
5	U4 U28 U2	SBB-10892	IC-MCM RISIRENZA	I SBB-10892	1388209	green
1	U5	1965MHz	7 FLTR-SMT TAI-SAW	T TA0630A	1394788	green
1	U7	257.5MHz	FLTR-SMT TAI-SAW	T 1393430	1393430	green
1	U9	60-3000 M	RFAMP-SCWJ	COMM AM1-G	1378222	green
1	U10	LT5512	IC-MIXER LINEAR	TE LT5512EU	1405641	green
1	U11	LM2903	IC, COMP, TEXAS IN	S LM2903PV	1396411	green
1	U13	LT5514EF	AMP-TSSC LINEAR	TE LT5514EF	1387889	green
1	U14	LT5521	MIXER HIC LINEAR	TE LT5521EU	1364584	green
2	U15 U116	15DB	IC-RFAMP ANALOG	[ADL5541A	1406533	green
1	U16	70MHz	FLTR-SMT TAI-SAW	T 1393427	1393427	green
1	U17	1885MHz	7 FLTR-SMT TAI-SAW	T TA0629A	1394789	green
1	U20	250-2500	IC-MCM RISKYWORK	SKY65009	1378208	green
1	U22	AD9779	DA CONV- ANALOG	[AD9779AB	1417751	green

1 U25	AD9510BC IC-PLL CL	ANALOG I	AD9510BC	1387892	green		
1 U26	EP2S15F4 IC-FPGA 4	ALTERA	EP2S15F4	1382685	green		
1 U27	70MHz	FLTR-SMT TAI-SAW	T	1393427 1393427	green		
1 U30	VCO 1796- VCO-D16	1UMC	UMX-1652	1392820	green		
1 U32	VCO 1985- VCO-D16	1UMC	UMX-1653	1392822	green		
6 U33 U35	U Amp	AMP-SO6	INEC ELEC	UPC3215T	1387860	green	
1 U34	VCO 316	1VCO-R16	3UMC	UMZ-1650	1392824	green	
26 U39 U40	U TPS73001	REG VOLT TI	TPS73001	1385973	green		
7 U56 U59	U TPS78601	IC- REG L	(TEXAS IN	TPS78601	1356558	green	
2 U66 U67	ADF4156	IC-FRAC-F	ANALOG I	ADF4156B	1387901	green	
1 U84	PD19-73LF	IC-COMBC	SKYWORK	PD19-73LF	1390196	green	
1 U85	1K: 128X8	IC-EEPROM	ATMEL	CC AT24C01A	1389716	green	
1 U86	1.71-1.99G	IC-DIRECT	SKYWORK	DC18-73LF	1390210	green	
3 U92 U93	U MIC5235	IC LINEAR	MICREL	MIC5235YI	1384309	green	
1 U95	REG	PS - DC-D	ASTEC	AM ATH10K12	1378037	green	
2 U99 U100	OpAmp	OPAMP-S	LINEAR	TE LT6200IS6	1421617	green	
1 U102	SKY13267	IC, DPDT	SKYWORK	13267-321	1396413	green	
1 U103	1:2 LVDS	IC 1:2 LVD	MICREL	SI SY89835U	1388992	green	
1 U105	ADF4360-2	IC-SYNTH	ANALOG I	ADF4360-2	1390242	green	
1 U107	FREQ SYM	IC FREQ	SANALOG I	ADF4252B	1361482	yellow	
1 U112	A/D CONV	IC-TSSOP	NATIONAL	ADC088SC	1391273	green	
2 U113 U114	AD8312	IC RF DET	ANALOG I	AD8312AC	1392693	green	
1 U115	TMP36	IC,LOW-V	(Analog De	TMP36GR	1392675	green	
3 U117 U119	NTLJS411	IC, PWR, M	ON SEMIC	NTLJS411	1393596	green	
3 U118 U121	LTC4210-1	IC, HOT S	LINEAR	TE LTC4210-1	1393584	green	
1 U120	M74VHC1	(IC-SC70-5	ON SEMIC	M74VHC1	1394109	green	
2 U125 U126	6DB	THERMOPEMC	TEC	MTVA060C	1414532	green	
1 U127	PI90LV386	IC-TSSOP	PERICOM	PI90LVT38	1407351	green	
1 U128	PI90LV02	IC-SOT23	PERICOM	PI90LV02T	1407349	green	
1 U130	PI90LV01	IC XMTR	S	PERICOM	PI90LV01T	1368576	green
1 U136	25.000 MH	OSC, 25.0	(FOX ELEC	F530L-25.	1177578	green	
1 U137	LT5557	IC-16QFN	LINEAR	TE LT5557EU	1409859	green	

Pkg	OMIT
SMT0402	
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SMT1206	
SMT7343	
SMT1206	
SMT0603	
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SMT0402	
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SMT1210	
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0603 SMT	
SMT1206	

SMT0805

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0402

SMA

SMA

SMB

TH

SMT

0603

X

SMT-0603

custom

X

SMT0402

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0603

0402

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SMT

0603

SMT

SMT0402

SMT0805

SMT

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SMT

SMT0402

SMT0402

SMT0805

0603

SMT

0805

SMT0402

Smt 1206

SMT 7060_

SMT0805

SMT4pin

SMT0402

SMT

SMT0603

X

Sot323

Sot23

0402

SMT0402

0402

0402

SMT0402

SMT0402

SMT0603

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SMT0402

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0402

SMT0402

SMT0402

SMT0402

0402

0603

SMT2512

0402

0402

SM0603

SMT0402

0402
0402
0402
SMT1206
0402
0402
SM0603
SMT0805
SMT0805
SMT0603
0402
0402
0402
0402
0402
SMT0402
2512
SMT0402
SMT 2512
SMT0402
0402
0402
0402
Smt 2 PIN

X
X
x

SMT
DB714
XFRMR5_5

DB714
TCM8-1+
SM Pad
20L 4X4 Q
Smt SO14
100 pin TQ

SOT89

TSSOP8
TSSOP20

cp-8-2

TQFP100

QFN64_GF
780 BGA

Smt
Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP.

Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Quantity	Part	Refere	Value	Description	Manufactur	Manufactur	Part Numb	Mount	RoHS
6	C1	C119	C 3.0PF	CAP-0402	AVX	CORF	04025A3R	1393448	green
2	C2	C707	2.2PF	CAP-0402	AVX	CORF	04025A2R	1393447	green
46	C3	C5	C10 10PF	CAP-0402	AVX	CORF	04025A10	1407237	green
60	C4	C6	C7 (1000PF	CAP-0402	MURATA	MGRM	1555C	1421416	green
56	C12	C13	C 15PF	CAP-0402	AVX	CORF	04025A15	1391362	green
2	C17	C615	0.5PF	CAP - 0402	KEMET	EL	C0402C50	1311730	green
3	C19	C20	C 2200PF	CAP-0603	AVX	CORF	06035C22	1379684	green
3	C21	C51	C 1.8PF	CAP-0402	AVX	CORF	04025A1R	1393770	green
2	C24	C25	150pf	CAP - 0402	AVX	CORF	04025A15	1307780	green
63	C35	C38	C 0.1UF	CAP-0402	KEMET	EL	C0402C10	1355907	green
1	C36		27pF	CAP-0402	MATSUSH	ECJ0EC1F	1207344		green
1	C37		18pF	CAP-0402	AVX	CORF	04025A18	1409315	green
69	C45	C50	C NI	CAP-0402	AVX	CORF	04025A22	1228664	green
1	C46		1800PF	CAP-0402	KEMET	EL	C0402C18	1393946	green
1	C48		5.1 PF	CAP-0402	AVX	CORF	04025A5R	1415740	green
2	C49	C183	3.9pF	CAP-0402	AVX	CORF	04025A3R	1311855	green
3	C52	C284	33PF	CAP-0402	AVX	CORF	04025A33	1391751	green
5	C53	C92	C 27 PF	CAP 0402	KOA	SPEE	NP00402F	1900032P	green
9	C59	C77	C 1uf	CAP - 0603	AVX	CORF	0603ZD10	1328674	green
2	C62	C67	47 PF	CAP 0402	KOA	SPEE	C0402C47	1900032P	green
3	C65	C107	22PF	CAP-0402	AVX	CORF	04025A22	1391757	green
57	C75	C86	C .1UF	CAP-0402	AVX	CORF	0402ZD10	1346732	green
4	C78	C81	C 56pF	CAP 0603	KEMET	EL	C0603C56	2-61007-5	green
1	C80		22PF	CAP-0402	AMERICAN	600L	220JT	1421791	green
1	C109		5.6PF	CAP-0402	AVX	CORF	04025A5R	1310910	green
3	C114	C321	2.7PF	CAP-0402	KEMET	EL	C0402C27	1310770	green
4	C116	C184	3.3PF	CAP-0402	AVX	CORF	04025A3R	1407236	green
36	C149	C175	10uF	CAP 10uF	AVX	CORF	1206YD10	1350827	green
66	C176	C186	0.015UF	CAP-0402	MATSUSH	ECJ0EB1C	1155580		green
3	C181	C333	6.8PF	CAP-0402	AVX	CORF	04025A6R	1311732	green
32	C191	C201	0.47UF	CAPACITC	KEMET	EL	C0805C47	1084319	green
43	C192	C202	2.2UF	CAP-0603	AVX	CORF	06036C22	1414928	green
36	C193	C203	0.01uf	CAPACITC	KEMET	EL	C0402C10	1115157	green
6	C196	C198	220PF	CAP-0402	AVX	CORF	04025A22	1391756	green
9	C279	C280	12PF	CAP-0402	AVX	CORF	04025A12	1390612	green
7	C281	C305	100PF	CAP-0402	AVX	CORF	04025A10	1310921	green
2	C294	C295	120PF	CAP-0402	AVX	CORF	04025A12	1311733	green
8	C307	C308	1.2PF	CAP-0402	AVX	CORF	04025A1R	1311840	green
1	C331		22pf	CAP - 0402	AVX	CORF	04025A22	1307704	green
2	C355	C356	1uF	CAP-1206	KEMET	EL	C1206C10	1355532	green
2	C382	C383	180uF	CAP-7343	KEMET		A700X187	1292274	green
1	C426		0.33uF	CAP-1206	MATSUSH	ECJ-3VB1	1114187		green
1	C428		0.068uF	CAP-0603	KEMET	EL	C0603C68	1355493	green
3	C450	C451	2.2UF	CAP-1206	MURATA	MGRM	316R	1322531	green
18	C459	C462	0.01UF	CAP-0402	KEMET	EL	C0402C10	1393944	green
2	C541	C696	2.0PF	CAP-0402	MATSUSH	ECJ0EC1F	1168770		green
2	C566	C567	22UF	CAP-1210	AVX	CORF	1210YD22	1390245	green
2	C603	C622	0.01UF	CAP-0603	Kemet		C0603C10	1342700	green
1	C604		0.1uF	CAP 1206	KEMET	EL	C1206C10	2-61100-4	green
1	C605		8200pF	CAP 0805	KEMET	EL	C0805C82	2-61100-4	green

2	C629 C63C 330UF	NGF-W27L CORNELL AFK337M1	1392829	green
19	C710 C7110	CAP 0402 KOA SPEE C0402C47	1350532	green
1	D1 400W	IC, ZEN DI ON SEMIC 1SMA6.0A	1393773	green
1	D2 13V	IC, ZEN DI ON SEMIC 1SMA13A1	1393774	green
4	D3 D4 D5 BAV70WT	IC-SC70 D ON SEMI BAV70WT	1394121	green
1	D8 3W	IC, ZEN DI ON SEMIC 1SMB5915	1393772	green
1	DS1 LED	LED-TH R/ KINGBRIG WP130WC	1348407	green
2	DS3 DS4 Led	LED-SOT2 LUMEX IN SSL-LX15	20.0068	green
1	DS5 RED	LED - RED LITE-ON E LTST-C19	1363382	green
1	DWG1 1386097		1386097	
78	E1 E2 E3 E0.47UF	FLTR-0603 MURATA M NFM18PS	1405327	green
1	FL1 184.32MHZ	CRYSTAL TOYOCON TF2-J4DB	1322537	green
3	J1 J2 J3 conn_smp_	QMA STR/HUBER+S 82_QMA-5	1391388	yellow
1	J4 98	Fingers for conn_pci_1		green
1	L1 2.0NH	IND-0402 2 COILCRAF 0402CS-2	1413547	green
69	L2 L3 L4 L Ferrite	BEAD, FEF murata BLM18AG	1176788	green
1	L6 1.2UH	IC-IND, 10 COILCRAF 1008CS-12	1390589	green
2	L10 L25 2.7NH	IND-0402 2 COILCRAF 0402CS-2	1407190	green
4	L12 L46 L8 33NH	IND 0603 3 COILCRAF 0603CS-3	1364385	green
7	L14 R44 R 17.8	RES-0402 KOA SPEE RK73H1E7	1387867	green
1	L15 110NH	IND-0603 1 COILCRAF 0603CS-R	1418387	green
1	L19 18 nH	IND-0805 1 Coilcraft 0805CS-1	1346636	green
3	L22 L84 L1 2200NH	IC-IND, 100 COILCRAF 1008CS-22	1391382	green
3	L23 L39 L1 180NH	IND 0805 2 Coilcraft 0805CS-1	1408911	green
7	L24 L44 L6 39NH	IND 0603 3 COILCRAF 0603CS-3	1396401	green
3	L27 L37 L8 91NH	IND-0805 5 Coilcraft 0805CS91	1415734	green
3	L28 L65 L1 27NH	IC-IND, 08 COILCRAF 0603CS-27	1390560	green
2	L30 L161 8.2NH	IND-0402 8 TOKO AMI LL1005-FH	1390618	green
2	L35 L45 220NH	IND 0805 2 Coilcraft 0805CS-22	1408759	green
2	L36 L43 330NH	IND 0805 2 Coilcraft 0805CS-3	1408754	green
5	L38 L41 L4 120NH	IC-IND, 08 COILCRAF 0805CS-12	1390547	green
3	L49 L58 L9 100 nH	IND-0805 1 Coilcraft 0805CS-10	1346643	green
8	L50 L53 L6 150NH	IC-IND, 08 COILCRAF 0805CS-15	1390549	green
1	L52 22nH	IND-0805 2 Coilcraft 0805CS-22	1346637	green
3	L54 L55 L1 3.3NH	IND-0402 3 COILCRAF 0402CS-3	1388213	green
1	L56 18NH	IND-0603 1 Coilcraft 0603CS-1	1410993	green
2	L69 L135 3.3NH	IND-0402 3 COILCRAF 0402CS-3	1388213	green
6	L71 L105 L1 1NH	IC-IND, 04 COILCRAF 0402CS-1	1390599	green
1	L79 82NH	IND-0805 8 COILCRAF 0805CS-82	1355946	green
1	L80 120NH	IND 0603 2 COILCRAF 0603CS-R	1408747	green
2	L88 L92 820NH	IND-1008 8 Coilcraft 1008cs-82	1388548	green
4	L94 L95 L9 3.9NH	IND-0402 3 COILCRAF 0402CS-3	1395932	green
5	L96 L172 L2 2NH	IND-0402 2 COILCRAF 0402CS-2	1395911	green
1	L102 12 nH	IND-0805 1 Coilcraft 0805CS-12	1346633	green
4	L103 L104 12NH	IC-IND, 04 COILCRAF 0402CS-12	1390594	green
2	L109 L110 Ferrite	FER BEAD MURATA M BLM31PG	1052747	green
3	L129 L130 700 4A	CHOKE-C Pulse P0469	1315815	green
1	L133 47NH	IND-0805 4 COILCRAF 0805CS-47	1355941	green
1	L143 51uH	CHOKE, C EPCOS AC B82790-SC	1153491	green
4	L169 L171 1.8NH	IND-0402 1 COILCRAF 0402CS-1	1416187	green
4	L178 L182 1.5uH	IND-SMT 1 SUMIDA C CDRH105F	1294145	green

4 L192 R90 F0	IC-IND, 0603CS-56	1351727	green
2 LB1 LB2 1166551	LABEL BL/	1166551	green
9 MT1 MT2 12	MOUNTING	MOUNTING	green
2 P3 P4 HDR2X5	HDR, PIN . SAMTEC II FTSH-105-	1052224	SMT green
1 PWB1 1420784		1420784	
1 Q1 BFR193	IC-TRANS, INFINEON BFR193W	1388544	green
8 Q3 Q4 Q5 NPN3904	XSTR-SOT ON SEMIC MMBT390-	1356245	green
100 R1 R2 R3 10.0K	RES-0402 KOA SPEE RK73H1ET	1393588	green
49 R10 R11 R100.0	RES-0402 KOA SPEE RK73H1ET	1350540	green
14 R32 R104 1.00K	RES-0402 KOA SPEE RK73H1ET	1387869	green
2 R35 R45 162	RES-0402 KOA SPEE RK73H1ET	1408954	green
4 R36 R38 R5.1	RES-0402 KOA SPEE RK73B1ET	1307661	green
5 R40 R83 R866	RES-0402 KOA SPEE RK73H1ET	1307669	green
3 R41 R58 R698	RES-0402 KOA SPEE PN RK73H	1409330	green
2 R52 R66 110	RES-0603 MATSUSH ERA-3AEB	1420399	Green
2 R53 R57 115OHM	RES-0402 KOA SPEE RK73H1ET	1390431	green
8 R55 R64 R10.0OHM	RES-0402 KOA SPEE RK73H1ET	1350533	green
1 R59 52.3 ohm	RES-0402 KOA SPEE RK73H1ET	1393612	green
9 R60 R61 R301OHM	RES-0402 KOA SPEE RK73H1ET	1390430	green
8 R67 R233 182	RES 0402 KOA SPEE RK73H1ET	1379287	green
3 R69 R72 R11.5	RES-0402 KOA SPEE RK73H1ET	1415782	green
6 R70 R71 R432	RES-0402 KOA SPEE RK73H1ET	1415771	green
49 R80 R88 R30.1	RES-0402 KOA SPEE RK73H1ET	1404824	green
1 R87 18.2	RES-0402 KOA SPEE RK73H1ET	1415769	green
21 R98 R99 R82.5	RES-0402 KOA SPEE RK73H1ET	1350539	green
10 R100 R101 130	RES-0402 KOA SPEE RK73H1ET	1350541	green
1 R102 3.74K	RES-0402 KOA SPEE RK73H1ET	1407814	green
1 R103 1.37K	RES-0402 KOA SPEE RK73H1ET	1420948	green
14 R107 R109 51.1	RES-0402 KOA SPEE RK73H1ET	1350537	green
1 R111 287OHM	RES-0402 KOA SPEE RK73H1ET	1390429	green
3 R116 R117 24.9	RES-0402 KOA SPEE RK73H1ET	1393586	green
2 R127 R569 2.74K	RES-0402 KOA SPEE RK73H1ET	1393587	green
1 R135 475	RES, 0402 KOA SPEE RK73H1ET	1410031	green
1 R136 1.21K	RES-0402 KOA SPEE RK73H1ET	1393589	green
5 R140 R485 4.12K	RES-0402 KOA SPEE RK73H1ET	1387870	green
1 R141 10K	THERMIST MURATA M NCP15XH	1420941	green
1 R143 23.7	RES-0402 KOA SPEE RK73H1ET	1415783	green
28 R145 R156 30.1K	RES-0402 KOA SPEE RK73H1ET	1387866	green
3 R146 R149 221	RES - 0402 KOA SPEE RK73H1ET	1379709	green
18 R148 R162 93.1K	RES-0402 KOA SPEE RK73H1ET	1387863	green
3 R150 R278 750	RES-0402 KOA SPEE RK73H1ET	1393593	green
12 R157 R159 51.1K	RES-0402 KOA SPEE RK73H1ET	1387872	green
2 R194 R195 220	RES, THK- VISHAY D/ CRCW040	1414624	yellow
11 R208 R242 200	RES-0402 KOA SPEE RK73H1ET	1420838	green
6 R210 R211 64.9	RES-0402 KOA SPEE RK73H1ET	1379707	green
1 R223 43.2	RES-0402 KOA SPEE RK73H1ET	1350536	green
2 R274 R275 22.1	RES-0402 KOA SPEE RK73H1ET	1393591	green
2 R276 R277 9.1	RES-0603 MATSUSH ERJ3GEY	1160332	green
1 R347 0.01	RES-2512 VISHAY D/ WSL2512F	1405080	green
1 R349 121	RES-0402 KOA SPEE RK73H1ET	1393595	green
2 R352 R455 2.67K	RES-0402 KOA SPEE RK73H1ET	1393597	green

10	R353	R354562	RES-0603	KOA SPEE RK73H1JT	1351974	green
4	R355	R367100K	RES 0402	KOA SPEE RK73H1EL	1199453	green
3	R356	R4518.45K	RES-0402	KOA SPEE RK73H1ET	1393604	green
4	R357	R3856.81K	RES-0402	KOA SPEE RK73H1ET	1393599	green
2	R358	R47459.0K	RES-0402	KOA SPEE RK73H1ET	1391357	green
7	R374	R3755.11K	RES-0402	KOA SPEE RK73H1ET	1393598	green
1	R386	36.5K	RES-0402	KOA SPEE RK73H1ET	1394995	green
1	R391	392	RES 0603	KOA SPEE RK73H1JT	1352736	green
1	R408	NI	RES 0402			green
3	R421	R422140	RES-0805	KOA SPEE RK73H2AT	1404815	green
2	R423	R424150	RES-0805	KOA SPEE RK73H2AT	1404816	green
4	R429	R430280 OHM	RES-0603	KAO SPEE RK73H1JT	1377363	green
2	R435	R45331.6KOHM	RES-0402	KOA SPEE RK73H1ET	1390426	green
1	R437	48.7	RES-0402	KOA SPEE RK73H1ET	1415770	green
1	R445	3.3K	RES-0402	KOA SPEE RK73H1ET	1393600	green
2	R446	R4492.49K	RES-0402	KOA SPEE RK73H1ET	1393602	green
5	R447	R4482.0K	RES-0402	KOA SPEE RK73H1ET	1393603	green
2	R457	R4604.7K	RES 0402	KOA SPEE RK73B1ET	1378200	green
2	R463	R4690.025 ohm	RES-2512	VISHAY D/ WSL2512F	1393765	green
1	R466	20K	RES - 0402	KOA SPEE RK73H1ET	1325378	green
1	R478	0.011	RES-PWR, VISHAY D/ WSL2512F	1350837		green
2	R510	R511182	RES 0402	KOA SPEE RK73H1ET	1379653	green
2	R553	R56011.5K	RES-0402	KOA SPEE RK73H1ET	1391359	green
4	R561	R5673K	RES-0402	KOA SPEE RK73H1ET	1407571	green
2	S1	S2 Pushbutton	SW-SMT P MATSUSH	EVQ-PPBA	1165133	green
1	SCH1	1386085			1386085	
1	SPC1	1317235	LABEL SPI		1317235	green
1	SPC2	1317237	LABEL SPI		1317237	green
1	SW3	0 - 15	SW-SMT 1 ITT CANN(	CD16RM0	1358390	green
6	T1	T2 T4 T3-300MHZ	XFMR-2:1	MINI-CIRC TCM2-1T+	1356362	green
1	T3	500-3000M	XFMR-SMITYCO	ELE MABACT0	1387896	green
4	T5	T13 T14 XFMR	XFMR-SM	MINI-CIRC TC1-1T+	1390614	green
1	T10	4:1	XFMR-SM	MINI-CIRC TCM4-6T+	1393432	green
2	T15	T17 2-500MHZ	XFMR-RF	MINI-CIRC TCM8-1+	1406466	green
18	TPF0	TPF1 SM_SQ32	Test Point :		Test_Point	yellow
2	U1	U21 PE4302-52	IC, 6 BIT D PEREGRIN	PE4302-52	1382578	green
2	U108	U110 74AC04	INV-SO14 . FAIRCHILD	74ACT04S	1121133	green
1	U131	AD9445	IC-TQFP 1 ANALOG	[AD9445BS	1407546	green
1	U3	HMC539LF	IC-MMIC A HITTITE	M HMC539LF	1378206	green
6	U4	U8 U28 SBB-10892	IC-MCM RI SIRENZA	I SBB-10892	1388209	green
1	U5	1885MHz	7 FLTR-SMT TAI-SAW	T TA0629A	1394789	green
1	U7	257.5MHz	FLTR-SMT TAI-SAW	T 1393430	1393430	green
1	U9	60-3000 M	RFAMP-SCWJ	COMM AM1-G	1378222	green
1	U10	LT5512	IC-MIXER LINEAR	TE LT5512EU	1405641	green
1	U11	LM2903	IC, COMP, TEXAS IN	S LM2903PV	1396411	green
2	U12	U27 70MHz	FLTR-SMT TAI-SAW	T 1393427	1393427	green
1	U13	LT5514EF	AMP-TSSC LINEAR	TE LT5514EF	1387889	green
1	U14	LT5521	MIXER HIC LINEAR	TE LT5521EU	1364584	green
1	U15	15DB	IC-RFAMP ANALOG	[ADL5541A	1406533	green
1	U16	70MHz	FLTR-SMT TAI-SAW	T 1393427	1393427	green
1	U17	1965MHz	7 FLTR-SMT TAI-SAW	T TA0630A	1394788	green

1 U20	250-2500 MIC-MCM RISKYWORK	SKY65009	1378208	green
1 U22	AD9779 DA CONV- ANALOG	AD9779AB	1417751	green
1 U25	AD9510BC IC-PLL CLK ANALOG	AD9510BC	1387892	green
1 U26	EP2S15F4 IC-FPGA 4 ALTERA	EP2S15F4	1382685	green
1 U30	VCO 1796- VCO-D16 1UMC	UMX-1652	1392820	green
1 U32	VCO 1985- VCO-D16 1UMC	UMX-1653	1392822	green
6 U33 U35	U Amp AMP-SO6 INEC ELEC	UPC3215T	1387860	green
1 U34	VCO 316 M VCO-R16 1UMC	UMZ-1650	1392824	green
26 U39 U40	U TPS73001 REG VOLT TI	TPS73001	1385973	green
7 U56 U59	U TPS78601 IC- REG L(TEXAS IN	TPS78601	1356558	green
2 U66 U67	ADF4156 IC-FRAC-F ANALOG	ADF4156B	1387901	green
1 U84	PD19-73LF IC-COMBC SKYWORK	PD19-73LF	1390196	green
1 U85	1K: 128X8 IC-EEPROM ATMEL	CC AT24C01A	1389716	green
1 U86	1.71-1.99G IC-DIRECT SKYWORK	DC18-73LF	1390210	green
3 U92 U93	U MIC5235 IC LINEAR MICREL	MIC5235YI	1384309	green
1 U95	REG PS - DC-D(ASTEC	AM ATH10K12	1378037	green
2 U99 U100	OpAmp OPAMP-S(LINEAR	TE LT6200IS6	1421617	green
1 U102	SKY13267 IC, DPDT S SKYWORK	13267-321	1396413	green
1 U103	1:2 LVDS E IC 1:2 LVD MICREL	SI SY89835U	1388992	green
1 U105	ADF4360-2 IC-SYNTH: ANALOG	ADF4360-2	1390242	green
1 U107	FREQ SYM IC FREQ S ANALOG	ADF4252B	1361482	yellow
1 U112	A/D CONV IC-TSSOP: NATIONAL	ADC088SC	1391273	green
2 U113 U114	AD8312 IC RF DET ANALOG	AD8312AC	1392693	green
1 U115	TMP36 IC, LOW-V(Analog De	TMP36GR	1392675	green
1 U116	20DB IC-RFAMP ANALOG	ADL5542A	1406534	green
3 U117 U119	NTLJS411 IC, PWR, MON SEMIC	NTLJS411	1393596	green
3 U118 U121	LTC4210-1 IC, HOT S(LINEAR	TE LTC4210-1	1393584	green
1 U120	M74VHC1(IC-SC70-5 ON SEMIC	M74VHC1(	1394109	green
2 U125 U126	6DB THERMOP EMC TECH	MTVA060C	1414532	green
1 U127	PI90LV386 IC-TSSOP PERICOM	PI90LVT38	1407351	green
1 U128	PI90LV02 IC-SOT23 I PERICOM	PI90LV02T	1407349	green
1 U130	PI90LV01 IC XMTR S PERICOM	PI90LV01T	1368576	green
1 U136	25.000 MH OSC, 25.0(FOX ELEC	F530L-25.(	1177578	green
1 U137	LT5557 IC-16QFN LINEAR	TE LT5557EU	1409859	green

Pkg	OMIT
SMT0402	
<Pkg>	
SMT0402	
0402	
SMT0402	
SMT0402	
SMT0603	
SMT0402	
SMT0402	
SMT0402	
SMT0402	
0402	
SMT0402	X
SMT0402	
0402	
SMT0402	
SMT0402	
0402	
SMT0603	
0402	
SMT0402	
SMT0402	
SMT0603	
SMT0402	
SMT0402	
SMT0402	
SMT0402	
SM1206	
SMT0402	
SMT0402	
SMT0805	
SMT0603	
SMT0402	
SMT0402	
SMT0402	
SMT0402	
SMT0402	
SMT0402	
SMT0402	
SMT1206	
SMT7343	
SMT1206	
SMT0603	
SMT1206	
SMT0402	
SMT0402	
SMT1210	
0603 SMT	
SMT1206	
SMT0805	

<Pkg>
0402
SMA
SMA

SMB
TH
SMT
0603

X

SMT-0603
custom

X

SMT0402
SM 0603

SMT0402
0603
0402
0603
0805

SMT
0603
SMT
SMT
SMT0402
0805
SMT
SMT
0805
SMT
0805
SMT0402
SMT
SMT0402
SMT0402
SMT0805
0603
SMT

0805
SMT0402
Smt 1206
SMT 7060_
SMT0805
SMT4pin
SMT0402
SMT

SMT0603

X

Sot323

Sot23

0402

SMT0402

0402

0402

SMT0402

SMT0402

0402

SMT0603

0402

0402

0402

0402

SMT0402

0402

0402

0402

0402

SMT0402

SMT0402

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0402

SMT0402

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SMT0402

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0603

0402

0402

SMT0402

0402

0402

0402

SMT0402

SMT0402

SMT0402

SMT0402

0402

0603

SMT2512

0402

0402

SM0603

SMT0402

0402

0402

0402

0402

0402

SM0603

SMT0402

SMT0805

SMT0805

SMT0603

0402

0402

0402

0402

0402

SMT0402

2512

SMT0402

SMT 2512

SMT0402

0402

0402

Smt 2 PIN

X

X

X

SMT

DB714

XFRMR5_5

DB714

TCM8-1+

SM Pad

20L 4X4 Q

Smt SO14

100 pin TQ

SOT89

TSSOP8

TSSOP20

cp-8-2

TQFP100
QFN64_GF
780 BGA
Smt
Smt
SOT-23-6
Smt
DBV
SMT
LFCSP_VQ
SOT-6
TSSOP_8
SOT_6
SOT23-5
SMT
SOT23
QFN12
TSSOP24
CP24

Smt TSOP.

cp-8-2

Smt TVA06
TSSOP64
SOT23_5
SOT23_5

QFN16

Item Number	Quantity	Part Reference	Value	Description	Manufacturer	Manufacturer_Part_Number	Part Number	Speed	RoHS	Pkg
1		1 FN1	1166551	LABEL BLANK .15 X 1.5			1166551		green	
2		1 FN2	1317235	LABEL SPEC, SERIAL NUMBER			1317235		green	
3		1 FN3	1317237	LABEL SPEC, MATERIAL NUMBER			1317237		green	
4		1 J2	conn 164-pos pcie thru	CONN 164-POS PCI EXPRESS TH MOUNT ROHS	MOLEX INC	87715-9305	1405343		green	
5	10	J3-J12	CardEdge2x49	CONN, 98-POS, DUAL ROW, THRU-HOLE, 1.0MM	MOLEX INC	87715-9205	1387318		green	
6		1 P3	2X15	CONN PWR EDGE 6CIR 12.9MM PITCH ROHS	MOLEX INC	45719-0005	1405344		green	
7		2 P4,P5	CONN_HDR_VF_TH_2X9	CONN-PCB ASSY, PWR/SIG,VERT,10-PIN,ROHS	MOLEX INC	45911-0001	1404730		yellow	

1394067 DC HOST 10/24/2007

Item Number	Quantity	Part Reference	Value	Description	Manufacturer	Manufacturer Part Number	Speed
1	12	C1-C11,C76	0.1UF	CAP-0402	KEMET EL	C0402C10	1355907
2	6	C37,C46,C58,	47uF	CAP-1210	Murata	GRM32ER	1394443
3	2	C47,C60	1000UF	CAP-THOL	Vishay BC	MAL21363	1392096
4	6	C50,C52,C53,	0.1UF	CAP-1206	AVX CORF	12061C10	1379686
5	6	C51,C54,C55,	2200PF	CAP-0603	AVX CORF	06035C22	1379684
6	18	C65-C68,C71, NI		CAP-1206	AVX CORF	12061C10	1228664
7	2	C69,C70	150uF	CAP-7343-	AVX CORF	TPSD157K	1391677
8	1	C73	560UF	CAP-TH AI	NICHICON	UPW1E56	1401267
9	2	C339,C340	0.47UF	CAP-0805	KEMET EL	C0805C47	1355507
10	3	C341,C342,C3	100UF	CAP ELYT	NIC COMP	NRSZ101M	1386674
11	1	C345	.39UF	CAP CER	KEMET EL	C0603C39	1402080
12	1	C347	.12UF	CAP CER	AVX CORF	0603ZC12	1402079
13	1	C348	1uF	CAP 1UF 1	Murara	GRM32ER	1351448
14	3	D5-D7	MMBD700	DIODE, SV ON	SEMIC	MMBD700	1358886
15	1	D9	GBPC1201	RECT-BRI	VISHAY SI	GBPC1201	1379195
16	1	DS1	RED/GRN	LED, GRE	KINGBRIG	WP130WD	1398691
17	1	DWG	1394065				1394065
18	2	F1,F2	15A	FUSE - FA	LITTELFUS	0451015.M	1405346
19	1	F3	.20A	FUSE, RE	LITTELFUS	1812L020F	1405345
20	1	L64	Z600 25%	FERRITE F	FAIR-RITE	250603601	1172720
21	4	L65-L67,L69	2.4 UH	IND-PWR,	SUMIDA C	CDEP147M	1401326
22	2	LB1,LB2	1166551	LABEL BL			1166551
23	1	P2	3	CONN-PW	POSITRON	PLA03M4E	1398685
24	1	P4	HDR2X5	CONN HD	SAMTEC	IIIMTLW-105	1052480
25	1	P5	EDGE2X6	EDGE 6Po			CONN_ED
26	1	P7	EDGE2X5	CONN-PC	MOLEX IN	45911-000	CONN_ED
27	1	PCB	1419952				1419952
28	10	PD1-PD10	Pad32_01	ThruHole F			PTH_32C1
29	6	Q6-Q8,Q14-Q	NPN3904	XSTR-SOT	ON SEMIC	MMBT390	1356245
30	17	R1,R3,R6-R10	10K	RES-0603	VISHAY D	CRCW060	1340338
31	1	R73	1.13 MEG	RES-0603	KOA SPEE	RK73H1JT	1397358
32	3	R86,R88,R90	10.0K	RES, 2010	VISHAY D	CRCW201	1387071
33	2	R87,R92	196	RES 0603	KOA SPEE	RK73H1JT	1380188
34	1	R476	51.1K OHM	RES-0603	KOA SPEE	RK73H1JT	1352703
35	1	R477	140K	RES-0603	KOA SPEE	RK73H1JT	1416340
36	2	R485,R486	2.00K	RES-0603	VISHAY D	CRCW060	1353662
37	3	R813-R815	0.011	RES-PWR,	VISHAY D	WSL2512F	1350837
38	4	R842-R845	10 MEG	RES-0805	KOA SPEE	RK73H2AT	1355203
39	2	R848,R849	14.7K	RES-0603	KOA SPEE	RK73H1JT	1411550
40	3	R850-R852	35.7K	RES-0402	KOA SPEE	RK73H1ET	1391360
41	1	R853	100.0	RES-0402	KOA SPEE	RK73H1ET	1350540
42	3	R859,R860,R8	4.99k	RES 0402	KOA Spee	RK73H1ET	1379649
43	4	R861-R863,R8	24.9 kohm	RES-0603	Visay	CRCW060	1350471
44	2	R864,R869	4.87K	RES-0603	KOA SPEE	RK73H1JT	1405352
45	3	R865-R867	221	RES-0603	KOA SPEE	RK73H1JT	1351963
46	1	R871	365K	RES-0603	KOA SPEE	RK73H1JT	1411553
47	1	R872	634K	RES-0603	KOA SPEE	RK73H1JT	1411554

48	1 SCH	1394064		1394064
49	1 SPC1	1317235	LABEL SPI	1317235
50	1 SPC2	1317237	LABEL SPI	1317237
51	1 SW2	SPST	SW-ROCK ITT CANN(E101J1AV	1407061
52	5 TP1-TP5	TP1	CONN HDI SAMTEC TSW-150-C	1383210
53	1 U1	256x8	IC-EEPROM AT24C02B	1400959
54	1 U3	LTC4300A	IC-I2C BUF LINEAR TEL	1356391
55	1 U16	MC74VHC	IC, SOT23, ON SEMIC	1329670
56	2 U26,U29	Filter_F481	FILTER-MC POWER-O F4810-RG	1379192
57	1 U42	SMS45G-7	IC, VOLT-C SUMMIT M	1422345
58	1 U44	PQ40050Q	CONV-DC/ SYNQOR I	1396792
59	1 U45	PQ40033Q	CONV-DC/ SYNQOR I	1396794
60	1 U47	12V	DC/DC-CONV SYNQOR I	1415445
61	2 U50,U52	OPTO_CP	IC, OPTO-I VISHAY D/ILD615-1X	1392888
62	1 U51	74LVC00A	IC QUAD 2 TEXAS IN	1308948
63	1 U54	ADP3331	IC-VOLT, L ANALOG E	1411544
64	1 U57	170	CHOKE AF STEWARD	1421096

RoHS	Pkg
green	SMT0402
green	1210
green	<Pkg>
green	1206
green	SMT0603
green	1206
green	<Pkg>
green	Radial
green	SMT0805
green	<Pkg>
yellow	0603
green	0603
green	SM1210
green	Smt Sot23
yellow	BRIDGE RECTIFIER
green	

green	PTC_2712
yellow	PTC_1913
green	0603
yellow	SMT
green	
green	
green	
green	
yellow	

green	Via Pad
green	Sot23
green	SMT 0603
green	0603
green	SM2010
green	SM0603
green	0603
green	0603
green	SM0603
green	SMT 2512
green	SMT0805
green	SMT0603
green	0402
green	SMT0402
green	SMT0402
green	SM0603
yellow	SMT0603
green	SMT0603
green	SMT0603
green	SMT0603

green	
green	
green	ThruHole
green	
green	8-TSSOP
green	MSOP8
green	SOT23_5
green	
yellow	SSOP16
green	
green	
green	1/4 BRICK
green	SOIC8
green	SO14
green	SOT23-6
green	IND_ARRAY_2x4

1423015 FAN CONN 10/24/2007

Item Number	Quantity	Part Reference	Value	Description	Manufacturer	Manufacturer Part Number	Speed
1	1	DWG	1405856			1405856	
2	1	J1	EDGE2X5	CONN-PCI MOLEX IN	45911-000	CONN_ED	
3	2	LB1, LB2	1166551	LABEL BL		1166551	
4	1	P1	HDR_RAM	CONN-HDI MOLEX IN	1591-2065	1404637	
5	1	PCB	1421660			1421660	
6	1	SCH	1405855			1405855	
7	1	SPC1	1317235	LABEL SPI		1317235	
8	1	SPC2	1317237	LABEL SPI		1317237	

RoHS	Pkg
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green	
green	
green	

green	
green	