

# SCP960\_Rev1.0\_PL (20141028)

Item	Reference	Part Number	PART Description	Vendor	Q'ty	Package	SIZE	Value	ROHS	CE	REMARK
1	U101	BCM-S516EF2-NC	CSR BC05 Module	BnCOM	1	QFN-58	16.0 X 15.0	BCM-S516EF2-NC	✓	<input type="checkbox"/>	
2	U102	RFX2401C	CMOS 2.4GHz Front-End IC	Rfaxis	1	QFN-16	3.0 X 3.0	RFX2401C	✓	<input type="checkbox"/>	
3	U103	Coprocessor 2.0C	Apple authentication MFI Chip	APPLE	1	PG-USON-8-1	2.5 X 2.5	Authentication Coprocessor 2.0C	✓	<input type="checkbox"/>	
4	U201	AD51652-FH08NRR	3W Mono Filter-less Class-D Audio Amplifier	ESMT	1	TDFN-8	3.0 X 3.0	AD51652-FH08NRR	✓	<input type="checkbox"/>	
5	U202	NX3L2467PW	Dual low-ohmic double-pole double-throw analog switch	NXP	1	SOT403-1	5.1 X 6.6	NX3L2467PW	✓	<input type="checkbox"/>	
6	U203	TPA6112A2	150-mW STEREO AUDIO POWER AMPLIFIER	TI	1	MSOP-10	3.1 X 5.05	TPA6112A2	✓	<input type="checkbox"/>	
7	U301,U303	S-1165B33MC	3.3V LDO	Seiko	2	SOT-23-5	3.0 X 2.9	S-1165B33MC	✓	<input type="checkbox"/>	
8	U302	BQ24013DRCRG4	Single-Chip, Li-Ion Charge Management IC	TI	1	QFN-10	3.0 X 3.0	BQ24013DRCRG4	✓	<input type="checkbox"/>	
9	ANT101	AMAN802012MS02	2.442GHz 8.0 X 2.0 X 1.2 Antenna	AMOTECH	1	-	8.0 X 2.0	AMAN802012MS02	✓	<input type="checkbox"/>	
10	F101	BF2012-L2R4DART	2.4GHz Multilayer Chip Band-Pass Filters 2012 Size	ACX	1		2012	BF2012-L2R4DART	✓	<input type="checkbox"/>	
11	Q101,Q201,Q203,Q301	DTC114TE	NPN 100mA 50V Digital Transistor	ROHM	4	SOT-416(SC-75A)	1.6 X 1.6	DTC114TE	✓	<input type="checkbox"/>	
13	D101,D104	DAN202U	Switching Diode	ROHM	2	SOT-323(SC-70)	2.1 X 2.1	DAN202U	✓	<input type="checkbox"/>	
14	D102	THBFR411	RED / BLUE Dual Chip LED	Seoul Semiconductor	1		1.6 X 1.5	THBFR411	✓	<input type="checkbox"/>	
15	D103	FR104-III	RED CHIP LED	Seoul Semiconductor	1			FR104-III	✓	<input type="checkbox"/>	
16	VR101,VR102,VR103,VR104,VR105,VR106,VR107,VR108,VR109,VR301,VR302	ICVN0514X300FR	1005 14V 120pF Varistor	INNOCHIPS	11		1005	ICVN0514X300FR	✓	<input type="checkbox"/>	
17	SW101,SW102	CTT-138E-180G	SMD SIDE TACT SW 12V 50mA	CREATIVE Electronics	2			1101VSE-3	✓	<input type="checkbox"/>	
18	SW103,SW104	CTT-1102SA9-160G	SMD TACT SW 12V 50mA	CREATIVE Electronics	2			1102WA-3	✓	<input type="checkbox"/>	
19	SW105	CTT-1135U1-160G	SMD TACT SW 12V 50mA	CREATIVE Electronics	1			KLT-1146DUS-SMT	✓	<input type="checkbox"/>	
20	CON201	LK-DJ533-0635R2	3.5Φ 4-POLE Earphone Jack	LKCON	1			LK-DJ533-0635R2	✓	<input type="checkbox"/>	
21	CON301	HI05-AG0250	Micro USB Connector	HJ I&C	1			HI05-AG0250	✓	<input type="checkbox"/>	
22	R107,R114,R119,R204,R205	WR04X000PTL	CHIP-RESISTOR	PILKOR	5		1005	0	✓	<input type="checkbox"/>	
24	R105	WR04X101JTL	CHIP-RESISTOR	PILKOR	1		1005	100	✓	<input type="checkbox"/>	
25	R101,R104	WR04X471JTL	CHIP-RESISTOR	PILKOR	2		1005	470	✓	<input type="checkbox"/>	
26	R121,R122,R224	WR04X102JTL	CHIP-RESISTOR	PILKOR	3		1005	1K	✓	<input type="checkbox"/>	
27	R106,R115,R116	WR04X222JTL	CHIP-RESISTOR	PILKOR	3		1005	2K2	✓	<input type="checkbox"/>	
28	R223	WR04X472JTL	CHIP-RESISTOR	PILKOR	1		1005	4.7K	✓	<input type="checkbox"/>	
29	R102,R103,R111,R112,R113,R123,R124,R301	WR04X103JTL	CHIP-RESISTOR	PILKOR	8		1005	10K	✓	<input type="checkbox"/>	
30	R203,R206	WR04X123JTL	CHIP-RESISTOR	PILKOR	2		1005	12K	✓	<input type="checkbox"/>	
31	R209,R212,R217,R220	WR04X203JTL	CHIP-RESISTOR	PILKOR	4		1005	20K	✓	<input type="checkbox"/>	
32	R117,R201,R222,R302,R303,R304,R305	WR04X473JTL	CHIP-RESISTOR	PILKOR	7		1005	47K	✓	<input type="checkbox"/>	
31	R210,R214,R215,R221	WR04X823JTL	CHIP-RESISTOR	PILKOR	4		1005	82K	✓	<input type="checkbox"/>	
33	R208,R228	WR04X104JTL	CHIP-RESISTOR	PILKOR	2		1005	100K	✓	<input type="checkbox"/>	
34	R306	WR06X222JTL	CHIP-RESISTOR	PILKOR	1		1608	2.2K_1608	✓	<input type="checkbox"/>	
35	L101,C110	LQG15HS1N0502D	CHIP-INDUCTOR	MURATA	2		1005	1.0nH	✓	<input type="checkbox"/>	
36	L201	LQG15HS15NJ02D	CHIP-INDUCTOR	MURATA	1		1005	15nH	✓	<input type="checkbox"/>	
37	C213	GRM1555C1H150JA01D	CHIP-CAPACITOR	MURATA	1		1005	15pF	✓	<input type="checkbox"/>	
38	C311	GRM1555C1H221JZ01D	CHIP-CAPACITOR	MURATA	1		1005	220p	✓	<input type="checkbox"/>	
39	C103,C108,C115,C116,C204,C210	GRM155R71C104KA88D	CHIP-CAPACITOR	MURATA	6		1005	100nF	✓	<input type="checkbox"/>	
40	C104,C105,C106,C107,C207,C209,C215,C217,C218,C202,C203	GRM155R61A105KE15D	CHIP-CAPACITOR	MURATA	11		1005	1uF	✓	<input type="checkbox"/>	
41	C101,C302,C304,C307,C316	GRM188R72A104ZA01D	CHIP-CAPACITOR	MURATA	5		1608	100nF/1608	✓	<input type="checkbox"/>	
42	C305,C308,C310,C312,C314	GRM188R61E105KA12D	CHIP-CAPACITOR	MURATA	5		1608	1u/1608	✓	<input type="checkbox"/>	
43	C102,C211,C306,C315	GRM188R61A225KE34D	CHIP-CAPACITOR	MURATA	4		1608	2.2uF/1608	✓	<input type="checkbox"/>	
44	C301,C303	GRM188R61A475KE15D	CHIP-CAPACITOR	MURATA	2		1608	4.7u/1608	✓	<input type="checkbox"/>	
45	C208	GRM216DC2A226M01D	CHIP-CAPACITOR	MURATA	1		2012	22uF/6.3V/2012	✓	<input type="checkbox"/>	
46	C309,C313	TCSCS1A106MAAR	tantalum chip capacitor	SAMSUNG	2		3216	10uF/10V_TANTAL_A Type	✓	<input type="checkbox"/>	
47	PCB	SCP960_Rev1.0	4Layer 일반	BST	1				✓	<input type="checkbox"/>	