

**SC-HC05 MAIN BOM LIST**

No.	Part No.	Description	Ref No.	QTY
1	4-10-000-0600	CONNECTOR FFC 6P PT=1.0MM DIP	CN900	1
2	2-00-001-0000	SWIT TACT RAD Ø6.2*3.5	S900,S901,S902	3
3	3-00-001-0001	IC RAD REMOTE 38KHZ	IC900	1
4	3-00-002-0009	IC SMD MP6211DN	IC106	1
5	4-10-000-1201	CONNECTOR FFC 12P PT=1.0MM DIP R	CN901	1
6	4-10-000-1200	CONNECTOR 12P PT=1.0MM DIP S	CN500	1
7	4-20-111-1200	FFC 12P PT=1.0MM L=150MM (with Shield)	W900	1
8	1-32-000-0000	FERRITE CORE T18*8*5	FR901	1
9	6-00-111-1101	METAL COVER FOR BT		1
10	3-00-002-0008	IC SMD BLUETOOTH BTMM5C2A8-XX	IC901	1
11	4-40-111-0300	WIRE 3P 30# L=65MM	W904	1
12	3-00-002-0013	IC SMD BU7242F SOIC8	IC500	1
13	3-00-002-0017	IC SMD SN74LV4052APWR	IC501	1
14	3-00-002-0007	IC SMD STM32F105RCT6	IC201	1
15	1-40-001-0001	CRYSTAL 14.7456MHz 20PPM RAD	X200	1
16	3-00-002-0002	IC SMD XC6221A332MR	IC101	1
17	3-00-002-0018	IC SMD XC6202P332PR	IC105	1
18	4-10-000-0501	CONNECTOR FFC 5P PT=1.25MM DIP	CN200	1
19	4-10-000-0600	CONNECTOR FFC 6P PT=1.0MM DIP	CN203	1
20	4-20-111-0600	FFC 6P PT=1.0MM L=60MM	W200	1
21	3-00-002-0000	IC SMD YSS951-VZ LQFP48PIN	IC400	1
22	1-40-001-0000	CRYSTAL 24.576MHz 50PPM RAD	X400	1
23	3-00-002-0014	IC SMD BM5442MUV	IC300	1
24	1-24-220-0000	COIL 22uH SLF7055J-220M1R7-3PF	L300,L301,L302,L303	4
25	4-30-000-0201	CONNECTOR 2P PT=2.5MM RED	CN301	1
26	4-30-000-0200	CONNECTOR 2P PT=2.5MM WHITE	CN300	1
27	4-40-111-0201	WIRE 2P PT=2.5MM L=100MM RED	W300	1
28	4-40-111-0202	WIRE 2P PT=2.5MM L=300MM WHITE	W301	1
29	4-40-111-0203	WIRE 2P 26# L=140MM	W302	1
30	6-00-111-1301	BUZZ Ø22mm Cu PIZEO		1
31	6-00-111-1001	HEAT-SINK (DAMP IC)		1
32	3-00-002-0002	IC SMD XC6221A332MR	IC103	1
33	3-00-002-0003	IC SMD XC6221A182MR	IC104	1
34	3-00-002-0015	IC SMD BD9329EFJ-E2	IC100	1
35	1-24-220-0000	COIL 22uH SLF7055J-220M1R7-3PF	L100	1
36	4-30-000-0600	CONNECTOR PT=2.0MM 6P	CN100	1
37	1-10-105-0300	CAP CHIP 1MF 10V 0603	C120,C121,C104,C105	4
38	1-12-221-0300	CAP ELECT 220UF 10V 8*6	C101,C102	2
39	3-00-002-0016	IC SMD AK5358AET-E2	IC600	1
40	4-00-001-0000	JACK AUDIO 7P 3.5MM	J900	1
41	4-40-111-0400	WIRE 4P L=110MM (SHIELD)	W501	1
42	4-30-000-0400	CONNECTOR 4P PT=2.0MM	CN902	1
43	8-03-111-0100	Remote Control (13key) OTP, new tooling		1
44	4-50-000-0002	AC CORD (Non-polarised)		1
45	4-50-000-0003	AC CORD (Non-polarised)		1
46	4-50-000-0004	AC CORD (Non-polarised)		1
47	4-50-000-0005	AC CORD (Non-polarised)		1
48	3-00-002-0011	IC SMD MF11341S2164	IC200	1
49	4-00-001-0001	JACK IPOD 30PIN SMD	J901	1

**Bluetooth IC part**

No.	Part No.	Description	Ref No.	QTY
1	WUBTM58X8	BC57E687C BC05MM External, 8x8mm, TFBGA	U1	1
2	WMFVF800A6X8	Flash Memory 39VF800A, 8Mb, 3.0V, 48-Balls TFBGA package	U2	1
3	WFRF2450F	MDR771F-CSR-T Surface Mount Band, Pass Filter	F1	1
4	WBSMHMM1517	HHM1517 Surface mount balun, 2012, 2.4GHz, 2102	T1	1
5	WXSM263225-9PF	SMD CRYSTAL TSX-3225, 26.000MHz, 32x25mm	XT1	1

## SC-HC05 SMPS BOM LIST

No.	Solid Part No.	Component Description	Ref. No.	QTY
1	2-20-000-0000	Switch Transformer ETS28BT11GAC	T701	1
2	3-02-001-0000	DIODE RAD KBJ4J-FL	D701	1
3	3-02-002-0006	DIODE SMD RF101L2S TE25	D708	1
4	3-02-002-0005	DIODE SMD SM140A-T	D717	1
5	3-02-001-0003	DIODE SMD PC123X2YUP0F	PC701,PC702	2
6	3-02-001-0001	DIODE RAD U10A2CIC	D702	1
7	3-00-002-0004	IC SMD TEA1733LT	IC700	1
8	3-00-002-0010	IC SMD MM1431CU	IC701	1
9	1-05-5R1-0100	RES TH 5.1 RAD NTC	TH701	1
10	1-05-114-0200	RES TH 110K 0603 NTC	TH702	1
11	2-31-471-0000	VARISTOR ERZVA5Z471 470V	Z752	1
12	1-13-104-0000	CAP RAD 0.1UF 310V	C702,C725	2
13	1-13-222-0000	CAP RAD 2200PF 250V	C710	1
14	1-13-102-0000	CAP RAD 1000PF 250V	C727,C728	2
15	1-10-103-0600	CAP CHIP 10000PF 630V 1206	C705	1
16	1-10-221-0601	CAP CHIP 220PF 630V 1206 ±10%	C731	1
17	1-12-102-0500	CAP ELECT 1000UF 25V 10*20 105°C	C703	1
18	1-12-221-0501	CAP ELECT 220UF 25V 8*12 85°C	C707	1
19	1-12-4R7-0700	CAP ELECT 4.7UF 50V 4*7 85°C	C713	1
20	1-12-101-1500	CAP ELECT 100UF 400V 25*21 105°C	C706	1
21	1-29-000- 0000	INDUCTOR T5*14	L701	1
22	1-24-183-0000	COIL 18MH 0.6A	L702	1
23	1-24-9R5-0000	COIL 9.5UH 5T(GOLDEN WIRE) 5T(TED WIRE) Ø0.7MM	L703	1
24	2-90-000-0000	FUSE T3.15AL 250V	F751	1
25	4-40-111-0600	WIRE 6P 26# PT=2.0MM L=110MM	CN905	1
26	3-03-001-0001	MOSFET STF7NM80	Q701	1
27	4-40-111-0102	WIRE 1P 22# L=180MM WHITE	W1	1
28	4-40-111-0103	WIRE 1P 22# L=180MM BLACK	W2	1
29	4-30-000-0202	CONNECTOR 2P PT=3.96MM (Angle 90°)	CN3	1
30	4-40-111-0204	WIRE 2P PT=3.96MM L=90MM	CN4	1
31	4-30-002-0002	AC INLET HJC-037P (KUMING)	P751	1