

# C-Project WS Part List

1. Main Board

3000ea

2007.5.25

No	DESCRIPTION	PARTNUMBER	Reference	Unit Price	Total	
1	I.C Bluetooth Module	HBM2X1M	U1		1	HANA Micron
2	I.C Audio Amplifier	TPA6112A2	U5		1	Texas
3	I.C SINGLE LDO	R1114N331D-TR-F	U3,U4		2	RICOH
4	I.C DC-DC CONVERTER	MAX1555EZK	U2		1	MAXIM
5	T.R NPN TRANSISTOR	KTC4075E	Q1,Q2		2	KEC
6	MOSFET	2SJ624	Q3		1	NEC
7	DIODE, SWITCHING	KDS121E	D2		1	KEC
8	DIODE, SWITCHING	KDR729	D1		1	KEC
9	DIODE	UCLAMP0501H.TCT	D501,D502,D601		3	SEMTECH
10	SWITCH(TOP:Check the Height)	DC031025	SW6		1	KOREANA
11	SWITCH With Right Angle	DDA021018	SW1~SW5,SW7		6	
12	L.E.D(5mA :Red)	BL-HUB36G-AV-TRB	LED3		1	BRIGHT LED ELECTRONICS
13	L.E.D(5mA :Blue)	BL-HB336G-TRB	LED4		1	
14	CHIP RESISTOR(560)	RC0402JR-07560/560 OHM (5%)	R301,R302		2	PILKOR
15	CHIP RESISTOR(1K)	RC0402JR-071K0/1K OHM (5%)	R610,R2		2	
16	CHIP RESISTOR(3.3K)	RC0402JR-073K3/3.3K OHM (5%)	R609,R608		2	
17	CHIP RESISTOR(4.7K)	RC0402JR-074K7/4.7K OHM (5%)	R102,R105,R303,R305		4	
18	CHIP RESISTOR(20K)	RC0402JR-0720K0/20K OHM (5%)	R106,R501 ~ R508,R1		10	
19	CHIP RESISTOR(47K)	RC0402JR-0747K0/47K OHM (5%)	R14,R103		2	
20	CHIP RESISTOR(100K)	RC0402JR-07100K0/100K OHM (5%)	R304,R306,R401,R402,R404 R405,R406,R407		8	
21	CHIP RESISTOR(160K)	RC0402FR-07160K/160K OHM (1%)	R202		1	
22	CHIP RESISTOR(240K)	RC0402FR-07240K/240K OHM (1%)	R201		1	
23	D.N.I	D.N.I	C105,C106,C109,C111,C113,R308,BE2,c202		8	
24	MULTILAYER CHIP INDUCTOR	HK1005-1N0J / 1NH	L201		1	
25	MULTILAYER CHIP INDUCTOR	HK1005-15N0J / 15NH	L501,L502,L601		3	
26	BEAD INDUCTOR	BLM15PG100SN1D	BE1		1	
27	CERAMIC CAPACITOR(1P)	GRM1555C1H1JZ01/1P	C201		1	
28	CERAMIC CAPACITOR(15P)	GRM1555C1H15JZ01/15P	C603,C509,C510		3	
29	CERAMIC CAPACITOR(47N)	GRM155R71E473K/47N	C601,C602		2	
30	CERAMIC CAPACITOR(1U)	GRM155R60J105K/1U	C102,C103,C107,C108,C110,C112,C501~C505		11	
31	TANTAL CHIP(2012 Size) 10UF	TPMOJ106PESR/10uF 6.3V(P)	C101,C104,C203,C506,C608		5	NEC
32	TANTAL CHIP(2012 Size) 100UF	TLM0G227CSSR/100uF 4V	C507,C508		2	MATUSO
33	Antenna		ANT 9		1	HCT
34	VARISTOR	AVL14K02200( )	V1~V5		5	AMOTECH
35	Mini-USB(8 Pin Connector)		CON1		1	KOREANA
36	Battery				1	ALT
37	Receiver	BRR2300IW0001,BRR2300IP000	BRR2300IW0001( ),BRR2300IP0001( )		2	BSE
38	Wire with MIC	MIC(OBG-415L(L/S/P)50)	: (Wire: )		1	BSE/