

Appendix 7.

Part List

BASE STATION BOARD

Item	Qty	Reference	Manufacturer	Part Number	Digikey Part Number	Value	Size	ROHS Compliant	Description	Total Qty	SUP	PRICE	Remark	수량	Remark2
1	1	C1	MURATA	GRM31A7U2E332JW31D		3.3nF 250V U2J	3216	Y	Ceramic capacitor	55	아이씨뱅크	450		55	
2	1	C19	MURATA	GRM31A7U2E392JW31D		3.9nF 250V U2J	3216	Y	Ceramic capacitor	55	아이씨뱅크	450		55	
3	1	C20	MURATA	GRM31A7U2E472JW31D		4.7nF 250V U2J	3216	Y	Ceramic capacitor	55	아이씨뱅크	460		55	
4	2	JP5,JP6	TE	640452-2				Y	2Pin male header	110	DIGIEKY	244.21		110	
5	2	JP5,JP6	MOLEX	15-39-1026				Y	Female Socket	110	DIGIEKY	207.22		110	
6	2	C2,C3	MURATA	GRM1886C1H221JA01D		220pF J COG	1608	Y		110			삼지재고	필(2)	
7	7	C4,C5,C7,C8,C14,C15,C17	MURATA	GRM1886R71H104KA93D		100nF 50V K	1608	Y		385			삼지재고	필(2)	
8	1	C6	MURATA	GRM1886C1H102JA01D		1nF J COG	1608	Y		55			삼지재고	필 1784	
9	2	C9,C18	SAMSUNG	TCSCS1C226M8AR		22uF/16V		Y		110			삼지재고	필	
10	1	C10	MURATA	GRM188R71H103JA01D		10nF K X7R	1608	Y		55	보성	4.3		필 4000	
11	1	C11	KEMET	T491A106K016AT		10uF/16V		Y		55			삼지재고	필 989	
12	3	C12,C13,C16	YISHAY	283D107X9016D2TE3	718-1057-6-ND	100uF 16V 10%	7343-31	Y	Tantal Capacitor	165	보성	240		필 500	
13	1	D1	DIODES INC	RS18-13-F	RS18-FDKR-ND	100V 1A	SMA	Y	FR Diode	55	DIGIEKY	468.3		55	
14	2	D2,D3	IXP	PESD15VL1BA				Y	TVS Diode	110	DIGIEKY	287.65		110	
15	1	IC2	TI	TMS37F158LGIDBTRG4				Y		55			삼지재고	60	
16	2	IC3,IC4	TI	SN74AHC1G125DCK			SC-70-5	Y		110	DIGIEKY	212.37		135	
17	1	IC5	TI	UA78M05QDCYRG4Q1			SOT-223	Y		55	DIGIEKY	732.4		80	
18	1	IC6	TI	TPS76933DBVTG4			SOT23-5	Y		55			류반재고	55	
19	2	JP3,JP4	SAMTEC	TSM-107-01-T-DV-A-P-TR				Y		110	아트솔루션	1040		필 145	
20	4	LED3,LED4,LED5,LED6	LITE-ON INC	LTST-C170CKT			2012	Y		220	DIGIEKY	140.488	DIGIKEY	350	
21	2	Q1,Q2	MURATA	CSTCR4M00G53-R0	490-1200-6-ND	4MHz		Y	RESONATOR	110	DIGIEKY	617.55	DIGIKEY	110	
22	2	R1,R11	TMTEC	CR-03FL7---47K		47k J	1608	Y		110			삼지재고	필	
23	1	R2	EVER OHMS	CR0603F150KP05		150k J	1608	Y		55			삼지재고	필	
24	1	R5	TA-I TECH	RM06JTN221		220 J	1608	Y		55			삼지재고	필 2237	
25	4	R6,R21,R23,R24	TMTEC	CR-03JL7---1K		1k J	1608	Y		220	에일			필	대체
26	7	R7,R12,R13,R15,R19,R20,R22	TMTEC, TA-I TECH	CR-03FL7---10K, RM06JTN103		10k F	1608	Y		385			삼지재고	필	CR-03FL7---10K
27	1	R8	TA-I TECH	RM12JTN153		15k J	3216	Y		55			삼지재고	필 3024	
28	4	R9,R16,R17,R30	TMTEC	CR-06JL7---0R		00hm	3216	Y		220	에일			필(2)	대체
29	4	R14,R31,R32,R33	TMTEC	CE-03JL7---330R		330	1608	Y		220	에일			필	대체
30	1	R18	TMTEC	CR-03JL7---402R		402	1608	Y		55			삼지재고	필 3080	FL7 대체
31	2	R27,R28	TA-I TECH	RM12JTN4R7		4.7R	3216	Y		110			삼지재고	필 1090	
32	1	R36	TMTEC	CR-03JL7---100K		100k J	1608	Y		55			삼지재고	필 3129	
33	1	U1	TI	TPS2113APWVRG4			TSSOP8	Y		55				55	
34	1	U2	TI	UCC27424DQ4			SO8	Y		55				55	
35	1	U3	TI	TMS37058DRG4			SO16	Y		55			삼지재고	60	
36	1	X1	Switchcraft Inc	RASM722X				Y		55	DIGIEKY	805.5		60	
37	2	R34,R35	IXP	PMEG4020ER				Y		110	아이씨뱅크	290		110	
38	1	PCB	THUBAN					Y		55				씨엘전자	

USB BOARD

Item	Qty	Reference	Manufacturer	Part Number	Digikey Part Number	Value	Size	ROHS Compliant	Description	Total Qty	SUP	PRICE	Remark		Remark
1	1	C11	KEMET	T491A106K016AT		10uF/16V	3216	Y		55			삼지재고	필 989	
2	4	C16,C18,C19,C20	MURATA	GRM188R71H104KA93D		100nF 50V K	1608	Y		220			삼지재고	필(2)	
3	1	C17	MURATA	GRM188R71E333KA01D		33nF 25V K	1608	Y		55	DIGIKEY	63.22		60	
4	1	IC7	FTDI	FT232RL			LQFP32	Y		55	아이씨뱅크	3600		55	
5	1	IC8	TI	SN75240PW			TSSOP8	Y		55				55	
6	2	JP2,JP4	SAMTEC	SSM-107-L-DV-BE-LC-P-TR				Y		110	아트솔루션	1980	아트솔루션	필 125	
7	2	LED1,LED2	LITE-ON INC	LTST-C170CKT			2012	Y		110	DIGIKEY	140.488		350	
8	1	P1	HIROSE	UX60-MB-5ST	H2959DKR-ND	MINI USB2.0		Y		55	커넥티브	330		55	
9	1	Q1	MURATA	CSTCR6M00G53-R0		6MHz		Y	RESONATOR	55	DIGIKEY	705.72		55	
10	1	R16	TA-I TECH	RM06JTN471		470R	1608	Y		55	에일			필	
11	1	R17	TA-I TECH	RM06JTN331		330R	1608	Y		55			삼지재고	필(2)	
12	1	R18	TA-I TECH	RM06JTN152		1.5k	1608	Y		55			삼지재고	필 4191	
13	1	R19	TA-I TECH	RM06JTN105		1M	1608	Y		55	에일			필	
14	1	R20	TA-I TECH	RM06JTN222		2.2k	1608	Y		55	에일			필	
15	1	R21	TA-I TECH	RM06JTN103		10k	1608	Y		55			삼지재고	필	
16	1	R22	TA-I TECH	RM06JTN221		220R	1608	Y		55			삼지재고	필 2237	
17	2	L1,L2	MURATA	BLM18KG2607N1D	490-5252-6-ND	260HM / 6A	1608	Y		110	DIGIKEY	134.87	DIGIKEY	110	
18	1	U2	Microchip	93LC46BT-4SN			SO8	Y		55	승전	130		55	
19	1	S1	Panasonic	EVQ-Q2F03W	P12937SCT-ND			Y		55	DIGIKEY	284.5	DIGIKEY	55	
20	1	PCB	THUBAN					Y		55				씨엘전자	

Packing

Item	Qty	Reference	Manufacturer	Part Number	Digikey Part Number	Value	Size	ROHS Compliant	Description	Total Qty	SUP	PRICE	Remark		Remark
1	1	USB Cable	MOREX	WM17493-ND	WM17493-ND	USB 2.0 cable		Y		55			삼지재고	55	미출고
2	4	Foot	SERPAC	51	SR51-ND			Y		220	DIGIKEY	333.66		220	미출고
3	1	Poly bag	3M	1910 3" X 5"	SCP165-ND			Y		55			삼지재고	55	미출고
4	2	Label	THUBAN					Y		110				류반	미출고
5	1	DC Power Cable	RS	656-3822				Y		55	RS	2758		55	미출고
6	1	Antenna	Vogt							55				미입고	미출고
7	1	Document								55				류반	미출고
8	1	Box		23Cm X 16.5Cm X 5.5Cm						55				55	미출고