

Document No.									
Project Name		Lingo							
No.	Location No.	Part Number	Value	SPECIFICATION	PACKAGE	Q'TY	MOQ	Price (\$/¥)	Price (₩)
Main									
1	R12-13 R25-26 R61	CR0402-000J	0	SURFACE MOUNT RESISTOR	1005	5	10K		₩0.49
2	R2	CR0402-121J	120	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.49
3	R1	CR0402-151J	150	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.49
4	R16 R20	CR0402-102J	1K	SURFACE MOUNT RESISTOR	1005	2	10K		₩0.49
5	R17 R45-46	CR0402-103J	10K	SURFACE MOUNT RESISTOR	1005	3	10K		₩0.49
6	R3-4 R7 R9 R11 R27 R31 R33 R42 R55 R58-59 R81	CR0402-104J	100K	SURFACE MOUNT RESISTOR	1005	13	10K		₩0.49
7	R39	CR0402-334J	330K	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.49
8	R37	CR0402-3300F	330/1%	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.79
9	R5 R19 R40	CR0402-2202F	22K/1%	SURFACE MOUNT RESISTOR	1005	3	10K		₩0.79
10	R93	CR0402-2402F	24K/1%	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.79
11	R22	CR0402-3602F	36K/1%	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.79
12	R23	CR0402-5492F	54.9K/1%	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.79
13	R21 R24	CR0402-1203F	120K/1%	SURFACE MOUNT RESISTOR	1005	2	10K		₩0.79
14	R18 R32	CR0402-2433F	243K/1%	SURFACE MOUNT RESISTOR	1005	2	10K		₩0.79
15	R173	CR0402-3303F	330K/1%	SURFACE MOUNT RESISTOR	1005	1	10K		₩0.79
16	R28 R38 R41 R90	CR0402-1004F	1M/1%	SURFACE MOUNT RESISTOR	1005	4	10K		₩0.79
17	C172 C181	U0402C200JCT	20pF	SURFACE MOUNT CAPACITOR	1005	2	10K		₩1.30
18	C175	U0402C470JCT	47pF	SURFACE MOUNT CAPACITOR	1005	1	10K		₩1.30
19	C176	U0402C101JCT	100pF	SURFACE MOUNT CAPACITOR	1005	1	10K		₩1.30
20	C22-23 C43-45	U0402R471KCT	470pF	SURFACE MOUNT CAPACITOR	1005	5	10K		₩1.30
21	C30	B0402R333KCT	33nF	SURFACE MOUNT CAPACITOR	1005	1	10K		₩2.30
22	C32	B0402R103KCT	0.01uF	SURFACE MOUNT CAPACITOR	1005	1	10K		₩1.30
23	C1 C3-4 C7-8 C11 C15 C25-28 C31 C41 C46 C183 C193-194 C203-206 C234	B0402F104ZCT	0.1uF	SURFACE MOUNT CAPACITOR	1005	22	10K		₩1.30
24	C9-10 C13-14	K0402F105ZCT	1uF	SURFACE MOUNT CAPACITOR	1005	4	10K		₩5.00
25	C35	U0402C1R0CCT	1pF/1%	SURFACE MOUNT CAPACITOR	1005	1	10K		₩1.30
26	C37	U0402C4R7CCT	4.7pF/2%	SURFACE MOUNT CAPACITOR	1005	1	10K		₩1.30
27	C33-34	U0402C220JCT	22pF/2%	SURFACE MOUNT CAPACITOR	1005	2	10K		₩1.30
28	C38	U0402R222KCT	2.2nF/10%	SURFACE MOUNT CAPACITOR	1005	1	10K		₩1.30
29	C182 C199 C217 C232	TMCJ1A475MTRF	4.7uF/10V/J	Tantal J Case	J CASE	4	3K		₩51.00
30	C5 C173-174	TMCJ0J106MTRF	10uF/6.3V/J	Tantal J Case	J CASE	3	3K		₩49.00
31	C2 C6	TMCMA0J476MTRF	47uF/6.3V/A	Tantal A Case	A CASE	2	2K		₩43.00
32	C16-17	TMCMA0G227MTRF	220uF/4V/A	Tantal A Case	A CASE	2	2K		₩125.00
33	Y1	16MHz(SMD3225)	16MHz	CRYSTAL	SMD3225	1	3K		₩320.00

Document No.									
Project Name		Lingo							
No.	Location No.	Part Number	Value	SPECIFICATION	PACKAGE	Q'TY	MOQ	Price (\$/¥)	Price (₩)
34	Y3	12MHz(SMD3225)	12MHz	CRYSTAL	SMD3225	1	3K		₩320.00
35	L1	HBLS1005-8N2J	8.2nH/5%	Chip Inductor	1005	1	10K		₩12.00
36	L23	EBLS1608-2R2K	2.2uH/1608	Chip Inductor	1608	1	4K		₩12.00
37	L3	HBLS1005-3N9S	3.9nH/5%	Chip Inductor	1005	1	10K		₩12.00
38	L4	HBLS1005-2N7S	2.7nH/5%	Chip Inductor	1005	1	10K		₩12.00
39	L36	HBLS1005-1N2S	1.2nH/1%	Chip Inductor	1005	1	10K		₩12.00
40	L8	BDS-3412E-470MH	47uH	Power Inductor	BDS-3412E	1	2K		₩160.00
41	FB1-7 FB9 L2	ACMS160808A300	30/1608	Ferrite Power Bead Core	1608	9	4K		₩7.00
42	D1	RB520S-30TE61	RB520S-30TE61	Schottky barrier diode	EMD2	1			₩24.00
43	D3 D6	DAN222	DAN222	Switching diode	EMD3	2			₩17.00
44	Q2	DTC114TM	DTC114TM	NPN_TR	SOT023S-B0	1			₩17.00
45	LED1	SSC-FR104II1-C	SSC-FR104II1-C	LED-RED	1608	1			₩27.00
46	LED2	SSC-NB104-C	SSC-NB104-C	LED-BLUE	1608	1			₩29.00
47	J2	03-925B0-70BKA	03-925B0-70BKA	3.5ø Stereo Audio Jack	03-925A0-70BKA	1	900	¥23.00	₩299.00
48	SW1	SS-1290	SS-1290	Slide Switch (Power/Hold)	SS-1290	1	3K		₩75.00
49	SW3-4	ST-1114A	ST-1114A	Tact Switch (Reset/Vol-U/Vol-D)	ST-1114A	2	3K		₩55.00
50	SW5-8	ST-1185SE (80gf)	ST-1185SE (80gf)	Tact Switch 80gf (Left/Right/Center)	ST-1185SE	4	3K		₩65.00
51	SW9	SPVM110100	SPVM110100	Detector Switch	SPVM110100	1	450		₩180.00
52	U1	S-1112B33PI-L6PTFG	S-1112B33PI-L6PTFG	HIGH RIPPLE-REJECTION AND LDO CMOS VOLTAGE REGULATOR	SNT-6A(H)	1			₩90.00
53	U10	nRF24L01	nRF24L01	Single Chip 2.4GHz Transceiver	20-QFN	1	4K	\$1.00	₩1,330.00
54	U12	ATMEGA48-10MU	ATMEGA48-10MU	8Bit Micom.	32-MLF	1			₩680
55	U100	SM341RXENLF00-AB	SM341RXENLF00-AB	CPU(8Bit,MP3,RTC, USB Host)	128-LQFP	1		\$1.80	₩2,394.00
56	U2	ISL6294IRZ-T	ISL6294IRZ-T	Charger (100~900mA)	8-DFN	1		\$0.42	₩558.60
57	U4	ISL54206AIRUZ	ISL54206AIRUZ	MP3/USB2.0 HS SW (Input Voltage : 2.5~5.5V)	10-TDFN	1		\$0.45	₩598.50
58	U3	HY27UT088G2A-TP(R)C	HY27UT088G2A-TP(R)C	NAND Flash (1G Byte MLC)	48-TSOP1	1		\$2.60	₩3,458.00
59	U9	ALPU-E	ALPU-E	Algorithm License Permission Unit	SOT-23-6L	1	30K/월	\$1.30	₩1,729.00
60	ANT1	IMABB02	IMABB02	SURFACE MOUNT 2.4GHz CHIP ANT	IMABB02	1	1000		₩180.00
61	J1	SM02B-SURS-TF (LF)(SN)	SM02B-SURS-TF (LF)(SN)	Battery Connector	SM02B	1		\$0.23	₩305.90
62	U8	Main Bare PCB		21.0 * 53.6 * 0.8 mm , 6 Layer, Normal Via, FR4 PCB		1		\$0.54	₩718.20
63		Coolgate S/W		Embedded Application Program		1		\$2.20	₩2,926.00
	Total					139		\$13.18	
OPTIC PCB									
1	U6	SM1D-I2C	SM1D-I2C	Optical Mouse Module	SM1D-I2C	1		\$2.70	₩3,591.00