

No	Part No	Description	Q'ty	Price	Manufacture	Remark
USB RECEIVER ASS'Y						
1		CHIP RESISTOR 1/16W 0 ohm $\pm 5\%$ (0402)	1	R5	PHYCOMP	
2		CHIP RESISTOR 1/16W 100 ohm $\pm 5\%$ (0402)	2	R2,R8	PHYCOMP	
3		CHIP RESISTOR 1/16W 100 Kohm $\pm 5\%$ (0402)	1	R6	PHYCOMP	
4		CHIP RESISTOR 1/16W 47 Kohm $\pm 5\%$ (0402)	3	R3,4,7	PHYCOMP	
5		CHIP RESISTOR 1/16W 56 Kohm $\pm 5\%$ (0402)	1	R1	PHYCOMP	
6		CHIP CERAMIC CAP 20 pF NPO 50V J (0402)	2	C10,C11	PHYCOMP	
7		CHIP CERAMIC CAP 30 pF NPO 50V J (0402)	1	C5	PHYCOMP	
8		CHIP CERAMIC CAP 47 pF X7R 50V J (0402)	1	C2	PHYCOMP	
9		CHIP CERAMIC CAP 0.01uF X7R 16V K (0402) 103K	2	C4,C13	PHYCOMP	
10		CHIP CERAMIC CAP 0.1 uF Y5V 16V Z (0402) 104Z	1	C9	PHYCOMP	
11		CHIP CERAMIC CAP 0.47uF Y5V 16V Z (0402) 474Z	1	C8	PHYCOMP	
12		CHIP CERAMIC CAP 1 uF X7R 10V Z (0603) 105Z	1	C7	PHYCOMP	
13		CHIP TANTAL 2.2uF 10V (A)	1	C12	PHYCOMP	
14		CHIP INDUCTOR 100NH (1608)	1	L2	SUNLOAD	
15		CHIP INDUCTOR 22 NH (1608)	1	L1	SUNLOAD	
16		CHIP INDUCTOR 1 uH (1608)	1	L3	SUNLOAD	
17		TRANSISTOR 2SC4226S NEC	1	Q1	NEC	
18		TRANSISTOR NPN-ESM KRC404RTK (KEC)	2	Q2,Q3	KEC	
19		ONE CHIP MICROCONTROLLER (PP-2103)	1	IC2	POINTER CHIPS	
20		RECEIVER DATA DEMODULATOR MICRF (011BM)	1	IC1	MICREL	
21		6MHz X-TAL (49US SEMI SMD)	1	XT2	K-WELL	
22		4.897MHz X-TAL (49US SEMI SMD)	1	XT1	K-WELL	
23		USB CONNECTOR (USM A/M 4P)	1	CON1	SE KANG	
24		SLIDE SWITCH (SKS-1290)	1	SW1	SE KANG	
25		LED LAMP CHIP (LT8B33-URB-110T)	1	D1	LED TECH	
26		PCB USB	1	PCB	RUIKA	
27		UPPER COVER ABS BLACK	1		DONG YANG	
28		BOTTOM COVER ABS BLACK	1		DONG YANG	
29		CAP (USB) ABS BLACK	1		DONG YANG	
30		CAT-EYE LENS	1		DONG YANG	
31		LED LANS	1		DONG YANG	
32		NAME LABEL	1		DONG YANG	
POINTER ASS'Y						
33		CHIP RESISTOR 1/16W 0 ohm $\pm 5\%$ (0402)	1	R36	PHYCOMP	
34		CHIP RESISTOR 1/16W 10 ohm $\pm 5\%$ (0402)	1	R28	PHYCOMP	
35		CHIP RESISTOR 1/16W 10 Kohm $\pm 5\%$ (0402)	2	R29,R31	PHYCOMP	
36		CHIP RESISTOR 1/16W 100 ohm $\pm 5\%$ (0402)	1	R33	PHYCOMP	
37		CHIP RESISTOR 1/16W 1 Kohm $\pm 5\%$ (0402)	2	R26,R30	PHYCOMP	
38		CHIP RESISTOR 1/16W 1.2 Mohm $\pm 5\%$ (0402)	1	R34	PHYCOMP	
39		CHIP RESISTOR 1/16W 2.7 Kohm $\pm 5\%$ (0402)	1	R32	PHYCOMP	
40		CHIP RESISTOR 1/16W 47 ohm $\pm 5\%$ (0402)	1	R27	PHYCOMP	
41		CHIP RESISTOR 1/16W 47 Kohm $\pm 5\%$ (0402)	3	R24,R23,R25	PHYCOMP	
42		CHIP RESISTOR 1/16W 560 Kohm $\pm 5\%$ (0402)	1	R35	PHYCOMP	
43		CHIP CERAMIC CAP 1pF NPO 50V C (0402)	1	C38	PHYCOMP	
44		CHIP CERAMIC CAP 10pF NPO 50V J (0402)	1	C37	PHYCOMP	
45		CHIP CERAMIC CAP 100pF NPO 50V J (0402)	2	C39,C41	PHYCOMP	
46		CHIP CERAMIC CAP 15pF NPO 50V J (0402)	1	C44	PHYCOMP	
47		CHIP CERAMIC CAP 0.01uF X7R 16V K (0402) 103K	7	C35,45,46,47,51,52,53	PHYCOMP	
48		CHIP CERAMIC CAP 0.1uF Y5V 16V Z (0402) 104Z	1	C50	PHYCOMP	
49		CHIP TANTAL 2.2uF 10V (A)	2	C48,C49	PHYCOMP	
50		CHIP INDUCTOR 33NH (0603)	2	L13,L14	SUNLOAD	
51		CHIP INDUCTOR 68NH (0603)	2	L11,12	SUNLOAD	
52		CHIP INDUCTOR 1 uH (0603)	2	L10,L15	SUNLOAD	
53		TRANSISTOR 2SC4226S NEC	2	Q7,Q8	NEC	
54		TRANSISTOR PNP-ESM KRA305RTK	1	Q9	KEC	
55		DIODE USM KDS114	1	D7	KEC	
56		DIODE USM KDS121	2	D5,D6	KEC	
57		CODE ENCODER (HT6P20B)	1	IC6	HOLTEK	
58		REGULATOR TK11230(3V)	1	IC8	TOKO	
59		REGULATOR TK11240(5V)	1	IC7	TOKO	
60		LAZER MODULE	1	M1	RUIKA	
61		TACT SWITCH (SKTS-1107GU)	3	SW5,6,7	SE KANG	
62		315MHz X-TAL	1	XT4	BIG BANG	
63		PCB POINTER	1	PCB	RUIKA	
64		UPPER COVER ABS	1		DONG YANG	
65		BOTTOM COVER ABS	1		DONG YANG	
66		BATTERY COVER ABS	1		DONG YANG	
67		BELT CLIP PC	1		DONG YANG	
68		UP DOWN KNOB ABS	1		DONG YANG	

69		FRONT CAP ABS (LAZER)	1		DONG YANG	
70		REAR CAP ABS	1		DONG YANG	
71		LOCKING KNOB ABS	1		DONG YANG	
72		SCREW A	1		DONG YANG	
73		SCREW B	1		DONG YANG	
74		BATTERY SPRING (+)	1		DONG YANG	
75		BATTERY SPRING (-)	1		DONG YANG	
76		NAME LABEL	1		DONG YANG	
77		CAUTION LABEL	1		DONG YANG	
78		CLAMSHELL UPPER	1		DONG YANG	
79		CLAMSHELL BOTTOM	1		DONG YANG	
80		PAD	1		DONG YANG	
81		INNER BOX	0.25		DONG YANG	
82		OUT BOX	0.042		DONG YANG	
83		BATTERY 23A 33mA (10.0 X 28.0 mm)	1		TOSHIBA	