

## BOM List

Model NO: Valueoptical Wireless 1500153

Date: 2004/7/30

Item	Material Specification	Location	Quantity (PCS)	Remark
<b>Plastic Material</b>				
1	Key ABS		1	
3	Middle Cover ABS		1	
4	Bottom Cover ABS		1	
5	Top Cover ABS		1	
6	Left Cover ABS		1	
7	Right Cover ABS		1	
8	Plastic wheel PC		1	
<b>Electronic Material</b>				
1	Double Side FR4 PCB		1	EPC-00570101
2	SMD 0603 10M	R1	1	±5%
3	SMD 0603 560Ω	R2	1	±5%
4	SMD 0603 1.2M	R3	1	±5%
5	SMD 0603 750K	R4	1	±5%
6	SMD 0603 220K	R5	1	±5%
7	SMD 0603 100K	R6	1	±5%
8	SMD 0603 47R	R7	1	±5%
9	SMD 0603 15K	R8	1	±5%
10	SMD 0603 1K	R9	1	±5%
11	SMD 0603 0R	JP1,JP2	2	±5%
12	SMD 0603 220P	C11	1	±5%
13	SMD 0603 22P	C12.C10.C1.C2.C8	5	±5%
14	SMD 0603 27P	C5.	1	±5%
15	SMD 0603 33P	C4	1	±5%
16	SMD 0603 82P	C7	1	±5%
17	SMD 0603 104	C3, C19.C14.C18.C20.C15	6	
18	EC 4.7uF/50V 4*7	C17	1	
19	EC 100uF/16v 6.3*5	C13	1	
20	EC 220uF/16V 6.3*7	C16	1	
21	IN5819 diode	D1	1	
22	positive spring	BAT+	1	
23	cathode spring	BAT-	1	
24	combine spring		1	
25	inductance 270uH 0410 DIP ±10%	L3	1	
26	inductance 0.82UH 0307 DIP ±5%	L2	1	
27	inductance 1.8UH 0307 DIP ±5%	L1	1	
28	Encoder H=11mm	encoder	1	
29	Miro-Switch	LB.MB.RB	3	
30	ID Switch	SW-ID	1	high=5mm
31	ceramics oscillate 18MHz	X4	1	
32	27.042MHZ Crystal	X2	1	±20PPM,
33	76.8K Crystal	X1	1	
34	Φ3 Green Led	BTL-LED	1	
35	Optical Sensor Set A2030	U2	1	involve ED80,C1 ip, lens
36	MA60H223	U1	1	
<b>Other material</b>				
1	foot pad 6.45*0.6		4	
2	wheel		1	
3	screw 2.3*5		2	
4	screw 2.3*8		1	

## BOM List

Model: Valueoptical Wireless 1500153 Receiver

Date:2004/7/30

Item	Material Specification	Location	Number (PCS)	Remark
<b>Plastic Material</b>				
1	Top cover ABS		1	
2	Bottom Cover ABS		1	
3	Bottom Seat ABS		1	
4	Button ABS		1	
5	Window PC		1	
<b>Electronic Material</b>				
1	94HB PCB		1	EPC-40573201
2	MC3361 IC	U1	1	
3	MA6162-25 IC	U2	1	
4	93C46B IC	U3	1	
5	SMD0603 Resistance 270R	R4	1	
6	SMD0603 Resistance 6.8K	R5	1	
7	SMD0603 Resistance 3.3K	R6	1	
8	SMD0603 Resistance 100K	R7	1	
9	SMD0603 Resistance 27K	R8	1	
10	Resistance 100R	R9	1	
11	Resistance 100K	R10	1	
12	Resistance 2.7K	R11	1	
13	Resistance 560R	R14	1	
14	SMD0603Resistance 10K	R12	1	
15	SMD0603Resistance 10M	R13	1	
16	SMD0603 capacitance 25P	C1.	1	
17	SMD0603 capacitance 150P	C12	1	
18	SMD0603 capacitance 91P	C13	1	
19	SMD0603 capacitance 33P	C6.C15.C16	3	
20	SMD0603 capacitance 15P	C2	1	
21	SMD0603 capacitance 102	C11.C14	2	
22	SMD0603 capacitance 103	C7	1	
23	SMD0603 capacitance 104	C3.C4.C5.C8.C9.C18.C19.C21	8	
24	SMD transistance 3904	Q1	1	
25	SMD transistance 3906	Q4	1	
26	EC 100uF/16V	C10.C17.C20	3	
27	RED LED $\phi$ 5	LED1	1	
28	SMD Diode	D1	1	
29	Ceramics oscillate 6.0M	X1	1	
30	Crystal 26.590M	X2	1	
31	455K Filter	FIL1	1	
32	CD28 Demodulation	CD28	1	
33	ID Switch	SWID	1	H=5mm
34	10mm Jumper	J1.J4	2	
35	6mm Jumper	J2.J3	2	
36	5Pin USB Cabel		1	
<b>Other Material</b>				
1	Screw 2.6*8		3	