

Service Manual



Wireless WebScroll + NB Eye

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Chapter 1. INTRODUCTION

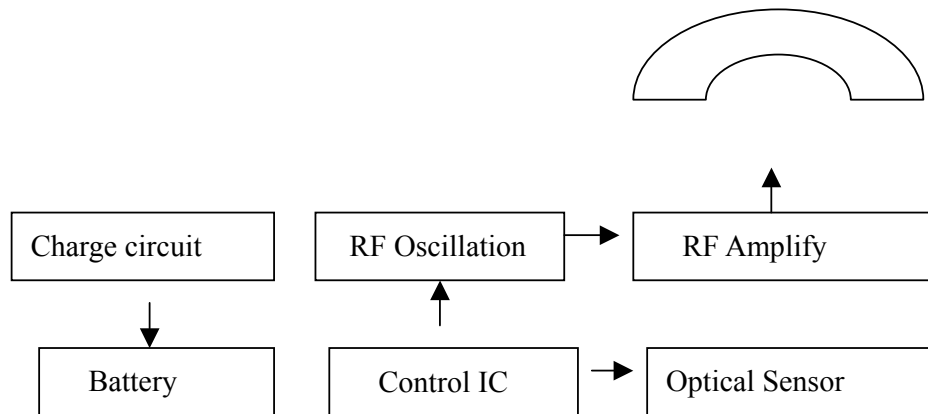
a. Hardware

- ◆ PC586 above
- ◆ Connection port : USB

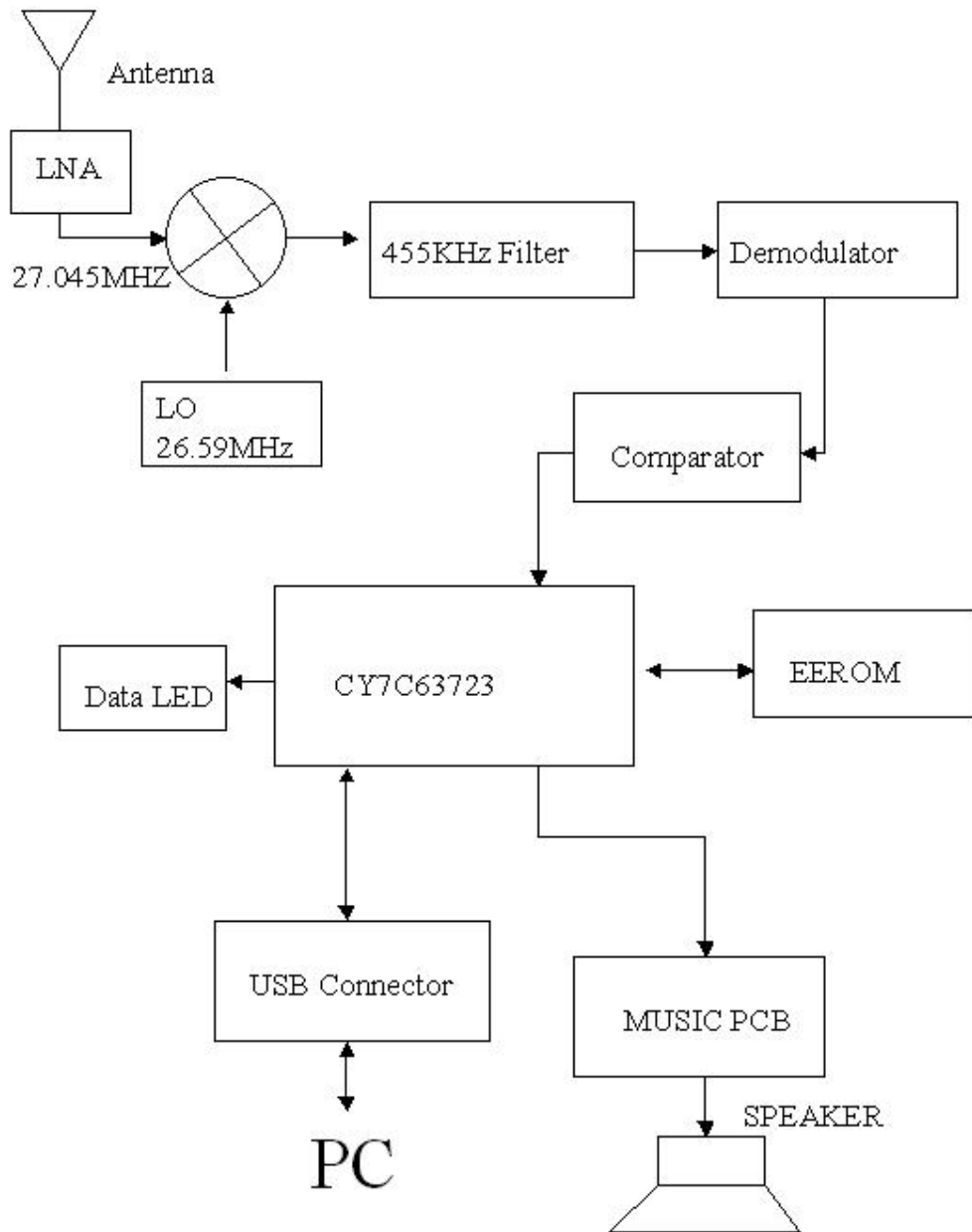
b. Software

- ◆ Win98 above
- ◆ Wireless Webscroll + NB Eye USB Driver

c. Block Diagram for Wireless Webscroll + NB Eye TX

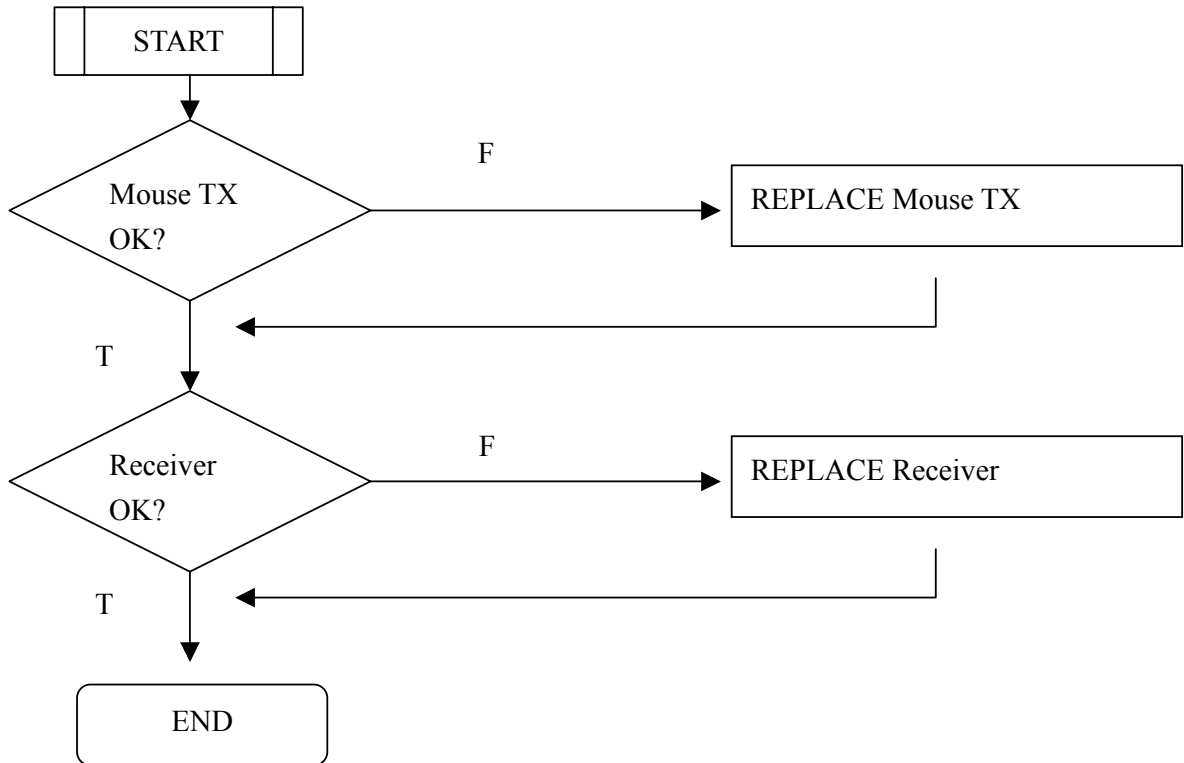


d. Block Diagram for Wireless Webscroll + NB Eye RX



Chapter 2. Testing procedures

a. Connection fail




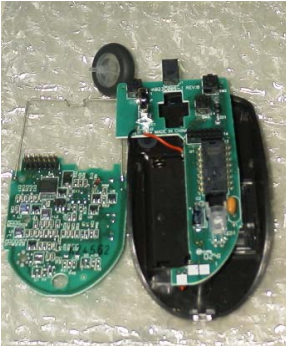


Chapter 3. Trouble Shooting Guide




Problems	Condition	Probable Reasons	Solutions
1. Pointer is moving automatically	1. Power LED doesn't light	1. TX PCB defect	Change all the parts below 1. ZD2 2. Change R25 3. Change R61 4. Change R15 5. Change R45
2. Mouse can't work	1. The receiver can't receive the signal	1. RX PCB defect	1. Change C7 2. Change Y1 3. Re-solder L2 4. Re-solder J1

Chapter 4. Removal and Replacement

a. Wireless WebScroll + NB Eye TX

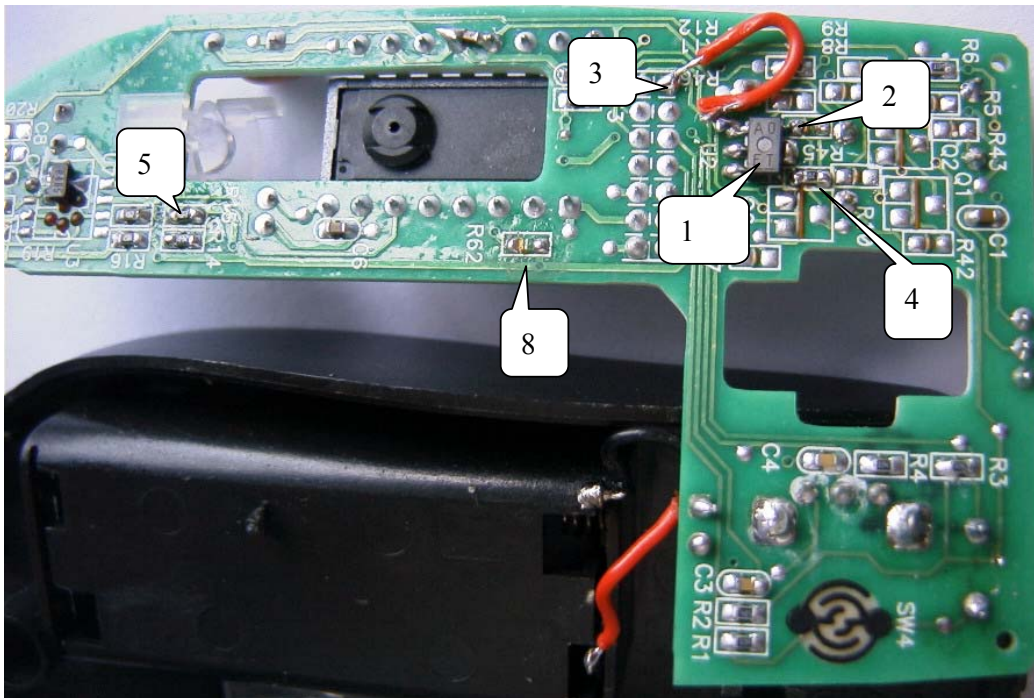
Step	Description	Picture
1. Turn over mouse	To disassemble the mouse, you have to turn over mouse.	
2. Loose screws	Using screwdriver to loose all screws.	
3. Take apart rear flat	After taking all screws off, you can take up the rear flat.	
4. Take apart PCB	<p>You can take apart the PCB from the upper cover directly.</p> <p>The PCB is the most important part of mouse.</p>	

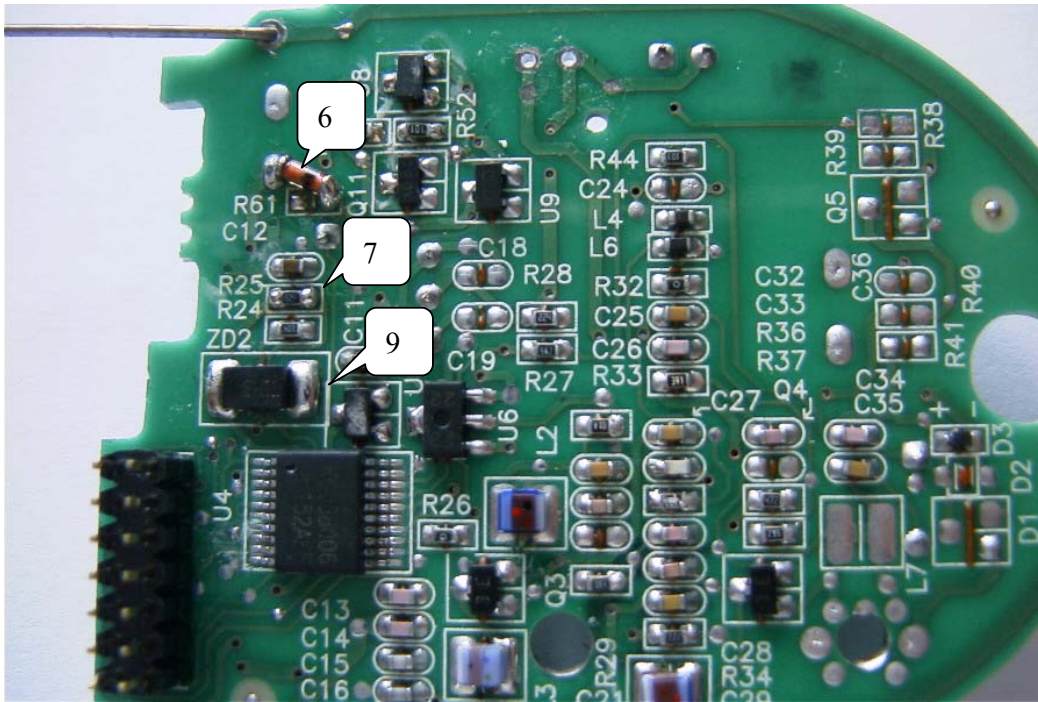
b. Wireless WebScroll + NB Eye RX

Step	Description	Picture
1. Turn over receiver	To turn over the receiver.	
2. Loose screws	Using screwdriver to loose all screws.	
3. Take apart PCB	After taking all screws off, you can take up the rear flat and take apart the PCB from the case.	

c. Modify Parts procedures (for pointer moves automatically)

1. Solder a 5V-3.3V Regulator(K1319003) on U2
2. Grounded PIN2 ON U2
3. Use Jumper to connect U2 PIN1 and J3 PIN14
4. R45 change to 20 Ω (K1409021)
5. R15 change to 62K (K140A067)
6. R61 change to Diode 1N4148 (K1702001)
7. R25 change to 820K (K140C024)
8. R62 don't connect anything
9. ZD2 change to new model





Chapter 5. Parts list

Description	Parts number	Description	Parts number
U2	K1319003	R 20Ω	K1409021
		R 62K	K140A067
		R 820K	K140A067
		D IN4148	K140C024
		ZD2 1N5817	K1705003
		C7 0.01UF 0204	K150B027
		L2 BEAD 0805	K1616001
		Y1 26.590MZH	K080C004
		SPCBA WEBSCROLL +NB EYE TX	K010C026
		SPCBA 27M WIRELESS NB RX RF+MP	K010C019

Chapter 6. Tools

1.Screwdriver cross