

| RF2.4G PS2 JOY PAD B.O.M   |                              |                                                          |     |                    |
|----------------------------|------------------------------|----------------------------------------------------------|-----|--------------------|
| HS2303B                    |                              |                                                          |     |                    |
| NO                         | Description                  | Specification                                            | Qty | Place              |
| <b>Electronics part</b>    |                              |                                                          |     |                    |
| 1                          | SMD Resistor 10 $\Omega$     | $\pm 5\%$ , 0805                                         | 2   | R4,R7              |
| 2                          | SMD Resistor 1K $\Omega$     | $\pm 5\%$ , 0805                                         | 2   | R2-3,              |
| 3                          | SMD Resistor 2.7K $\Omega$   | $\pm 5\%$ , 0805                                         | 17  | R1,R5-6,R16-28,R45 |
| 4                          | SMD Resistor 3.9K $\Omega$   | $\pm 5\%$ , 0805                                         | 4   | R8-10, R36         |
| 5                          | SMD Resistor 10K $\Omega$    | $\pm 5\%$ , 0805                                         | 6   | R42,R11-15         |
| 6                          | SMD Resistor 20K $\Omega$    | $\pm 5\%$ , 1206                                         | 1   | R39                |
| 7                          | SMD Resistor 39K $\Omega$    | $\pm 5\%$ , 0805                                         | 1   | R33                |
| 8                          | SMD Resistor 100K $\Omega$   | $\pm 5\%$ , 0805                                         | 1   | R30                |
| 9                          | SMD Capacitor 22P            | $\pm 10\%$ , 0805                                        | 2   | C4-5               |
| 10                         | SMD Capacitor 100P           | $\pm 5\%$ , 0805                                         | 3   | C10-11,C13         |
| 11                         | SMD Capacitor 103P           | $\pm 5\%$ , 0805                                         | 1   | C7                 |
| 12                         | SMD Capacitor 104P           | $\pm 10\%$ , 0805                                        | 7   | C3,C8-9,C14,CC1-3, |
| 13                         | SMD DIODE                    | IN4148/1206                                              | 2   | D1-2               |
| 14                         | SMT IC                       | HT7533                                                   | 1   | U2                 |
| 15                         | SMT Transistor               | SOT-23 8050                                              | 3   | Q1, Q2, Q21        |
| 16                         | SMT Transistor               | SOT-23 9012/8550                                         | 14  | Q3-15, Q18         |
| 17                         | IC                           | SN8P1707(MAS-3401-01)                                    | 1   | U1                 |
| <b>weld part</b>           |                              |                                                          |     |                    |
| 1                          | MOTOR                        | $\phi 24.4 \times 12.5\text{mm}$ , 3V, Wheel<br>12*4.8mm | 1   | M1                 |
| 2                          | MOTOR                        | $\phi 24.4 \times 12.5\text{mm}$ , 3V, Wheel<br>18*6mm   | 1   | M2                 |
| 3                          | 3D Variable Resistors        | B10K                                                     | 2   | L3, R3             |
| 4                          | PCB1 2303-01-13              | 132*47*1.2mm,R=19K OHM                                   | 1   |                    |
| 5                          | PCB2 2303-02-13              | 85*28*1.2mm                                              | 1   | 3D VR PCB          |
| 6                          | PCB3 2303-03-13              | 17*6.7*1.2mm                                             | 1   | SW PCB             |
| 7                          | PCB4 2303-04-13              | 18*28*1.2mm R=19KOHM                                     | 2   | L,R SMALL PCB      |
| 8                          | E.Capacitance                | 4.7UF/16V 4*7mm $\pm 10\%$                               | 1   | C6                 |
| 9                          | E. Capaci tance              | 47UF/16V 5*7mm $\pm 20\%$                                | 1   | C2                 |
| 10                         | E. Capaci tance              | 100UF/16V 7*7mm $\pm 20\%$                               | 1   | C1                 |
| 11                         | CRYSTAL:12MHZ"               | h=3.5mm                                                  | 1   | Y1                 |
| 12                         | 1PIN Lead the line           | BLACK,L=60mm                                             | 1   | SW PCB             |
| 13                         | 8PIN Lead the line           | L=34+3+3mm                                               | 1   | BIG PCB            |
| 14                         | 3PIN WHITE Lead the line     | L=24+3+3mm                                               | 2   | CON5,CON4          |
| 15                         | LED                          | Orange 2X5X7mm                                           | 1   | ANA                |
| 16                         | LED                          | green 2X5X7mm                                            | 1   | MARCO              |
| 17                         | +/--"The battery plays slice |                                                          | 2+1 |                    |
| 18                         | "+"The battery plays slice   | 8.5*10MM                                                 | 1   |                    |
| 19                         | "-"The battery plays slice   | 8.5*10MM                                                 | 1   |                    |
| 20                         | 1P1T Switch                  | G5                                                       | 1   | POWER SW           |
| 21                         | 12PIN 0.5*0.5*9mm Socket     | L=2.0 MM                                                 | 1   | RFMODUL PCB        |
| 22                         | 2PIN Lead the line           | 75+4+4mm, L=2.0mm,                                       | 1   | Connect POWER      |
| 23                         | RFMODUL REV:3                | 20*30*1.6mm                                              | 1   |                    |
| <b>configuration part:</b> |                              |                                                          |     |                    |
| 1                          | 1,Rubber key                 | E179 (4PCSKEY)                                           | 1   | Direction KEY      |
| 2                          | 2,Rubber key                 | E182 (3+1KEY)                                            | 1   | Inside key         |
| 3                          | 3,Rubber key                 | E131B (4PCSKEY)                                          | 1   | R KEY              |
| 4                          | 4,Rubber key                 | ZH-0064                                                  | 2   | R1,L1 key          |

|    |                            |            |   |                           |
|----|----------------------------|------------|---|---------------------------|
| 5  | 5,Rubber key               | E104       | 4 | R2, L2,TURBO,<br>SLOW key |
| 6  | top Hull                   |            | 1 |                           |
| 7  | Bottom hull                |            | 1 |                           |
| 8  | Left adornment plank       |            | 1 |                           |
| 9  | Right adornment plank      |            | 1 |                           |
| 10 | Direction KEY              |            | 1 |                           |
| 11 | Left/Right 1& 2 key        |            | 4 | R1, R2, L1, L2            |
| 12 | TURBO, SLOW key            |            | 2 |                           |
| 13 | LOGO, Slice                |            | 1 |                           |
| 14 | X△□○ key                   |            | 4 |                           |
| 15 | EVA Sponge Only with dauby | 8*8*5.5MM  | 2 | MOTOR                     |
| 16 | EVA Sponge Only with dauby | 12*12*5MM  | 1 | RFMODUL                   |
| 17 | Mushroom pole              | BLACK      | 2 |                           |
| 18 | screw                      | PA2.3*8mm  | 7 |                           |
| 19 | screw                      | PWA2.3*8mm | 4 | PCB                       |
| 20 | screw                      | PA2.0*6mm  | 2 | sw PCB                    |
|    |                            |            |   |                           |