

| Bill of Material       |             |  |                     |                                                                |                        |            |                  |  |
|------------------------|-------------|--|---------------------|----------------------------------------------------------------|------------------------|------------|------------------|--|
|                        |             |  |                     |                                                                |                        |            | Date :2015/04/15 |  |
| Customer Item No: 8017 |             |  | Customer Item Name: |                                                                | Roboraptor Blue tooth  |            |                  |  |
| Keys                   | Part Number |  |                     | Item Name                                                      | 產品需用量<br>Usage/product | 單位<br>Unit | 位置<br>Position   |  |
|                        |             |  |                     | RX Main PCBA Assy (RoHS)                                       |                        |            |                  |  |
| 1                      |             |  | 730-3808095-G21     | COB PCB RSU-02 Rev:00 FR4 D/S 0.6mm GP (RoHS)                  | 1.0000                 | pcs        | RX IC PCB        |  |
| 2                      |             |  | 722-3808095-G51     | Bonding IC KOI-6400WS04 (RoHS)                                 | 1.0000                 | pcs        | IC1              |  |
| 3                      |             |  | 730-3808017-G01     | Main PCB RSB-01 Rev:00 FR4 D/S 1.2mm GP 80X55mm(RoHS)          | 1.0000                 | pcs        | RX MAIN PCB      |  |
| 4                      |             |  | 799-38C0000-G01     | Bluetooth Module KNRF51822_A24 Flash 256 KB V3 (RoHS)          | 1.0000                 | pcs        | U1               |  |
| 5                      |             |  | 723-260A33P-G01     | IC Voltage Regulator 3.3V +/-2% 500mA CE6260A33P SOT-89 (RoHS) | 1.0000                 | pcs        | U2               |  |
| 6                      |             |  | 723-D6770AG-G01     | SMT IC MD6770AG(RoHS) Package QFN- 48                          | 1.0000                 | pcs        | U3               |  |
| 7                      |             |  | 723-00ME501-G01     | SMT IC ME501 SOT-89 DC-DC (RoHS)                               | 1.0000                 | pcs        | IC2              |  |
| 8                      |             |  | 723-08A50PG-G01     | SMT IC YU2108A50PG SOT89-3 DC-DC (ROHS)                        | 0.0000                 | pcs        | IC2              |  |
| 9                      |             |  | 738-2000R03-G01     | Chip Resistor 0 Ohm +/-5% 1/8W 0805 (RoHS)                     | 1.0000                 | pcs        | R30              |  |
| 10                     |             |  | 738-202R202-G01     | Chip Resistor 2.2 Ohm +/-5% 1/10W 0805 (RoHS)                  | 1.0000                 | pcs        | R26              |  |
| 11                     |             |  | 738-2010R01-G01     | Chip Resistor 10 Ohm +/-5% 1/16W 0603 (RoHS)                   | 1.0000                 | pcs        | R31              |  |
| 12                     |             |  | 738-2150R02-G01     | Chip Resistor 150 Ohm +/-5% 1/10W 0805 (RoHS)                  | 2.0000                 | pcs        | R9,R10           |  |
| 13                     |             |  | 738-2100R02-G01     | Chip Resistor 100 Ohm +/-5% 1/10W 0805 (RoHS)                  | 2.0000                 | pcs        | R24,R25          |  |
| 14                     |             |  | 738-2100R01-G01     | Chip Resistor 100 Ohm +/-5% 1/16W 0603 (RoHS)                  | 4.0000                 | pcs        | R2,R4,R14,R15,   |  |
| 15                     |             |  | 738-2680R01-G01     | Chip Resistor 680 Ohm +/-5% 1/16W 0603 (RoHS)                  | 1.0000                 | pcs        | R27              |  |
| 16                     |             |  | 738-2001K01-G01     | Chip Resistor 1K Ohm +/-5% 1/16W 0603 (RoHS)                   | 4.0000                 | pcs        | R6,~R8,R32       |  |
| 17                     |             |  | 738-204K701-G01     | Chip Resistor 4.7K Ohm +/-5% 1/16W 0603 (RoHS)                 | 1.0000                 | pcs        | R13              |  |
| 18                     |             |  | 738-2010K01-G01     | Chip Resistor 10K Ohm +/-5% 1/16W 0603 (RoHS)                  | 3.0000                 | pcs        | R12,R22,R23      |  |
| 19                     |             |  | 738-2022K01-G01     | Chip Resistor 22K Ohm +/-5% 1/16W 0603 (RoHS)                  | 2.0000                 | pcs        | R1,R3            |  |
| 20                     |             |  | 738-2047K01-G01     | Chip Resistor 47K Ohm +/-5% 1/16W 0603 (RoHS)                  | 7.0000                 | pcs        | R5,R11,R16,R18,  |  |
| 21                     |             |  | 738-2470K01-G01     | Chip Resistor 470K Ohm +/-5% 1/16W 0603 (RoHS)                 | 2.0000                 | pcs        | R17,R29          |  |
| 22                     |             |  | 738-2001M01-G01     | Chip Resistor 1M Ohm +/-5% 1/16W 0603 (RoHS)                   | 2.0000                 | pcs        | R20,R21          |  |
| 23                     |             |  | 707-4039050-G03     | CHIP C CAP 39PF +/-5% 50V NPO 0603 (RoHS)                      | 2.0000                 | pcs        | C5,C6            |  |
| 24                     |             |  | 707-4104050-G03     | CHIP C CAP 0.1uF +80/-20% 50V Y5V 0603 (RoHS)                  | 29.0000                | pcs        | C1,C3,C7.C11~C   |  |
| 25                     |             |  | 707-1475010-G01     | Chip C CAP 4.7uF +/-20% 10V X7R 0603 (RoHS)                    | 1.0000                 | pcs        | C27              |  |
| 26                     |             |  | 750-0S8550D-G03     | Chip Transistor S8550D SOT-23 1.5A PNP EBC (RoHS)              | 2.0000                 | pcs        | Q1,Q5            |  |
| 27                     |             |  | 750-0003906-G01     | Chip Transistor 3906 PNP SOT-23 (RoHS)                         | 2.0000                 | pcs        | Q6,Q7            |  |
| 28                     |             |  | 750-008050D-G01     | Chip Transistor 8050D SOT-23 NPN (RoHS)                        | 3.0000                 | pcs        | Q2,Q3,Q11        |  |
| 29                     |             |  | 750-0003904-G01     | Chip Transistor 3904 NPN SOT-23 (RoHS)                         | 3.0000                 | pcs        | Q4,Q8,Q10        |  |
| 30                     |             |  | 716-X55C6V8-G00     | Zener Diode 6.8V 1/2W +/-5% (RoHS)                             | 1.0000                 | pcs        | D4               |  |
| 31                     |             |  | 716-X55C6V2-G01     | Zener Diode BZX55C6V2 1/2W 6.2V +/-5% (RoHS)                   | 1.0000                 | pcs        | ZD1              |  |
| 32                     |             |  | 713-004M000-G03     | Crystal 4.00MHz+/-0.5% 2pin (RoHS)                             | 1.0000                 | pcs        | Y1               |  |
| 33                     |             |  | 714-01N5817-G00     | Schottky Diode 1N5817 (RoHS)                                   | 1.0000                 | pcs        | D3               |  |
| 34                     |             |  | 750-0S8050D-G01     | Transistor NPN S8050D TO-92 EBC 1.5A (RoHS)                    | 1.0000                 | pcs        | Q9               |  |
| 35                     |             |  | 709-3808095-G11     | AXIAL TYPE CHOKE COIL 47uH+/-10% (RoHS)                        | 1.0000                 | pcs        | L1               |  |

Bill of Material

Date :2015/04/15

|                        |             |  |                                           |                                                                      |                        |            |                 |  |
|------------------------|-------------|--|-------------------------------------------|----------------------------------------------------------------------|------------------------|------------|-----------------|--|
| Customer Item No: 8017 |             |  | Customer Item Name: Roboraptor Blue tooth |                                                                      |                        |            |                 |  |
| Keys                   | Part Number |  |                                           | Item Name                                                            | 產品需用量<br>Usage/product | 單位<br>Unit | 位置<br>Position  |  |
| 36                     |             |  | 707-0476016-G14                           | E-CAP 47 $\mu$ F +/-20% 16V Dia4X7 PET(RoHS)                         | 2.0000                 | pcs        | C21,C22         |  |
| 37                     |             |  | 707-0107010-G14                           | E-CAP 100 $\mu$ F +/-20% 10V Dia5X7 PET (RoHS)                       | 12.0000                | pcs        | C2,C4,C18,C26,  |  |
| 38                     |             |  | 740-0CB100K-G00                           | Variable Resistor 065C-B100K (RoHS)                                  | 2.0000                 | pcs        | VR1,VR2         |  |
| 39                     |             |  | 711-1112502-G01                           | WAFER PH=2.0 180° JS-1125-02 White (RoHS)                            | 3.0000                 | pcs        | LF-LB,Leg(L,R), |  |
| 40                     |             |  | 711-1112502-G03                           | WAFER PH=2.0 180° JS-1125-02 Black (RoHS)                            | 1.0000                 | pcs        | RB-RF           |  |
| 41                     |             |  | 711-1112502-G04                           | WAFER PH=2.0 180° JS-1125-02 Red (RoHS)                              | 1.0000                 | pcs        | BF-BB           |  |
| 42                     |             |  | 711-1112502-G05                           | WAFER PH=2.0 180° JS-1125-02 Grey (RoHS)                             | 1.0000                 | pcs        | NC-NCC          |  |
| 43                     |             |  | 711-1112504-G01                           | WAFER PH=2.0 180° JS-1125-04 White (RoHS)                            | 1.0000                 | pcs        | P8              |  |
| 44                     |             |  | 711-1112505-G01                           | WAFER PH=2.0 180° JS-1125-05 Red (RoHS)                              | 1.0000                 | pcs        | Power switch    |  |
| 45                     |             |  | 711-1112505-G02                           | WAFER PH=2.0 180° JS-1125-05 White (RoHS)                            | 2.0000                 | pcs        | P2.P4           |  |
| 46                     |             |  | 711-1112509-G01                           | WAFER PH=2.0 180° JS-1125-09 White (RoHS)                            | 1.0000                 | pcs        | P3              |  |
|                        |             |  |                                           |                                                                      |                        |            |                 |  |
|                        |             |  |                                           | Head SW PCBA Assy.(RoHS)                                             |                        |            |                 |  |
| 47                     |             |  | 730-3808095-G61                           | PCB RSU-06 Rev:00 V0 S/S 1.2mm GP 16X24mm (RoHS)                     | 1.0000                 | pcs        | PCB             |  |
| 48                     |             |  | 711-1020329-G01                           | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=75mm Blu/Bk (RoHS+7P)            | 1.0000                 | pcs        | ForheadSensor   |  |
| 49                     |             |  | 742-0983100-G03                           | Square Rubber key Pad LY6983-100 (RoHS+7P)                           | 1.0000                 | pcs        | Rubber Key      |  |
|                        |             |  |                                           |                                                                      |                        |            |                 |  |
|                        |             |  |                                           | Power SWitch PCBA Assy (RoHS)                                        |                        |            |                 |  |
| 50                     |             |  | 730-3808095-G91                           | PCB RSU-09 Rev:00 V0 S/S 1.2mm GP (RoHS)                             | 1.0000                 | pcs        | Power Switch    |  |
| 51                     |             |  | 746-422E06L-G00                           | Push Switch PS-22E06L (RoHS)                                         | 1.0000                 | pcs        | Power Switch    |  |
| 52                     |             |  | 711-1020319-G01                           | HOUSING 5PIN PH=2.0 #24 11x0.12x5c L=300mm BN/Gn/Yel/Bk/Rd (RoHS+7P) | 1.0000                 | pcs        | Power wire      |  |
| 53                     |             |  | 753-0124060-G04                           | PVC Wire AWG#24 60mm Red (RoHS+7P)                                   | 1.0000                 | pcs        | 3V              |  |
| 54                     |             |  | 753-0124060-G03                           | PVC Wire AWG#24 60mm Black (RoHS+7P)                                 | 1.0000                 | pcs        | PTC to Power    |  |
|                        |             |  |                                           |                                                                      |                        |            |                 |  |
|                        |             |  |                                           | Tail PCBA Assy (RoHS)                                                |                        |            |                 |  |
| 55                     |             |  | 730-3808095-G81                           | PCB RSU-08 Rev:00 V0 S/S 1.2mm 14X32mm (RoHS)                        | 1.0000                 | pcs        | Left&Right&F&   |  |
| 56                     |             |  | 711-1112502-G01                           | WAFER PH=2.0 180° JS-1125-02 White (RoHS)                            | 5.0000                 | pcs        | Tail( SWA,SWB)  |  |
|                        |             |  |                                           |                                                                      |                        |            |                 |  |
|                        |             |  |                                           | Tail SWA PCBAAssy. (RoHS)                                            |                        |            |                 |  |
| 57                     |             |  | 730-3808095-G31                           | PCB RSU-03 Rev:00 V0 S/S 1.2mm GP 13X17mm (RoHS)                     | 2.0000                 | pcs        | PCB             |  |
| 58                     |             |  | 711-1020320-G01                           | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=60mm Yel/Yel (RoHS+7P)           | 2.0000                 | pcs        | Wire            |  |
| 59                     |             |  | 742-0983100-G03                           | Square Rubber key Pad LY6983-100 (RoHS+7P)                           | 2.0000                 | pcs        | Rubber Key      |  |
|                        |             |  |                                           |                                                                      |                        |            |                 |  |
|                        |             |  |                                           | Tail SWB PCBAAssy. (RoHS)                                            |                        |            |                 |  |
| 60                     |             |  | 730-3808095-G51                           | PCB RSU-05 Rev:00 V0 S/S 1.2mm GP 15X30mm (RoHS)                     | 2.0000                 | pcs        | PCB             |  |
| 61                     |             |  | 711-1020321-G01                           | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=90mm Bn/Bn (RoHS+7P)             | 2.0000                 | pcs        | Wire            |  |

| Bill of Material       |             |                 |                                                                |                                     |                       |                        | Date :2015/04/15 |                |
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| Customer Item No: 8017 |             |                 | Customer Item Name:                                            |                                     | Roboraptor Blue tooth |                        |                  |                |
| Keys                   | Part Number |                 |                                                                | Item Name                           |                       | 產品需用量<br>Usage/product | 單位<br>Unit       | 位置<br>Position |
| 62                     |             | 742-0983100-G03 | Square Rubber key Pad LY6983-100 (RoHS+7P)                     |                                     | 4.0000                | pcs                    | Rubber Key       |                |
|                        |             |                 |                                                                | Jaw PCBA Assy(RoHS)                 |                       |                        |                  |                |
| 63                     |             | 730-3808095-G71 | RSU-07 Rev:00 V0 S/S 1.2mm GP 13.7X31mm (RoHS)                 |                                     | 1.0000                | pcs                    | PCB              |                |
| 64                     |             | 711-1020328-G01 | HOUSING 2PIN PH=2.0 #28 7x0.12x2cL=160mm Yel/Bk (RoHS+7P)      |                                     | 1.0000                | pcs                    | Chin Sensorwire. |                |
| 65                     |             | 742-0983100-G03 | Square Rubber key Pad LY6983-100 (RoHS+7P)                     |                                     | 1.0000                | pcs                    | Rubber Key       |                |
|                        |             |                 |                                                                | Left IR receiver PCBA Assy. (RoHS)  |                       |                        |                  |                |
| 66                     |             | 734-M781H3K-G01 | Infrared Receiver Module M781-H3-K for 600Hz and 38KHz (ROHS)  |                                     | 1.0000                | pcs                    | D1               |                |
| 67                     |             | 711-1020336-G01 | HOUSING 3PIN PH=2.0 8#28 7x0.12x3c L=100mm Rd/Bk/Yel (RoHS+7P) |                                     | 1.0000                | pcs                    | L_Receiver       |                |
| 68                     |             | 720-0190150-G02 | HEAT SHRINK TUBE OD=1.9mm ID=1.5mm Φ=1.0mm (RoHS+7P)           |                                     | 45.0000               | mm                     | Heat sink tube   |                |
|                        |             |                 |                                                                | Right IR receiver PCBA Assy. (RoHS) |                       |                        |                  |                |
| 69                     |             | 734-M781H3K-G01 | Infrared Receiver Module M781-H3-K for 600Hz and 38KHz (ROHS)  |                                     | 1.0000                | pcs                    | D2               |                |
| 70                     |             | 711-1020330-G01 | HOUSING 3PIN PH=2.0 #28 7x0.12x3c L=100mm Rd/Bk/Gn (RoHS+7P)   |                                     | 1.0000                | pcs                    | R_Receiver       |                |
| 71                     |             | 720-0190150-G02 | HEAT SHRINK TUBE OD=1.9mm ID=1.5mm Φ=1.0mm (RoHS+7P)           |                                     | 45.0000               | mm                     | Heat sink tub    |                |
|                        |             |                 |                                                                | Left Mic Assy (RoHS)                |                       |                        |                  |                |
| 72                     |             | 729-2CM6050-G00 | Condenser microphone CM6050-44-44dB 4.5V Dia=6X5mm (RoHS)      |                                     | 1.0000                | pcs                    | Mic1             |                |
| 73                     |             | 711-1020337-G01 | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=90mm Bk/Pur (RoHS+7P)      |                                     | 1.0000                | pcs                    | L_Mic            |                |
|                        |             |                 |                                                                | Right Mic Assy (RoHS)               |                       | 1.0000                 | pcs              |                |
| 74                     |             | 729-2CM6050-G00 | Condenser microphone CM6050-44-44dB 4.5V Dia=6X5mm (RoHS)      |                                     | 1.0000                | pcs                    | Mic2             |                |
| 75                     |             | 711-1020324-G01 | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=90mm Bk/Yel (RoHS+7P)      |                                     | 1.0000                | pcs                    | R_Mic            |                |
|                        |             |                 |                                                                | Left sensor Assy (RoHS)             |                       |                        |                  |                |
| 76                     |             | 733-010B327-G00 | IR Emitting Diode IR3010B-327-DP (RoHS)                        |                                     | 1.0000                | pcs                    | Infrared LED     |                |
| 77                     |             | 711-1020338-G01 | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=120mm Bk/Bn (RoHS+7P)      |                                     | 1.0000                | pcs                    | L_IR             |                |
| 78                     |             | 720-0190150-G02 | HEAT SHRINK TUBE OD=1.9mm ID=1.5mm Φ=1.0mm (RoHS+7P)           |                                     | 30.0000               | mm                     | Heat sink tub    |                |
|                        |             |                 |                                                                | Left sensor Assy (RoHS)             |                       |                        |                  |                |
| 79                     |             | 733-010B327-G00 | IR Emitting Diode IR3010B-327-DP (RoHS)                        |                                     | 1.0000                | pcs                    | Infrared LED     |                |
| 80                     |             | 711-1020327-G01 | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=120mm Bk/Org (RoHS+7P)     |                                     | 1.0000                | pcs                    | R_IR             |                |
| 81                     |             | 720-0190150-G02 | HEAT SHRINK TUBE OD=1.9mm ID=1.5mm Φ=1.0mm (RoHS+7P)           |                                     | 30.0000               | mm                     | Heat sink tube   |                |
|                        |             |                 |                                                                | Neck Assy.(RoHS)                    |                       |                        |                  |                |

Bill of Material

Date :2015/04/15

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| Keys                   | Part Number |                 | Item Name                                                                 | 產品需用量<br>Usage/product | 單位<br>Unit | 位置<br>Position    |  |
| 82                     |             | 746-5114S45-G00 | Leaf Switch LS-1-14S-45 (RoHS)                                            | 1.0000                 | pcs        | HR                |  |
| 83                     |             | 746-3S11D02-G00 | Mode Switch MDS-11D02 (RoHS)                                              | 3.0000                 | pcs        | HU,HL,HD          |  |
| 84                     |             | 711-1020326-G01 | HOUSING 5PIN PH=2.0 #28 7x0.12x5c L=210mm Bk/Yel/Org/Rd/Bn (RoHS+7P)      | 1.0000                 | pcs        | HU,HL,HD,HR       |  |
| 85                     |             | 753-0130060-G04 | PVC Wire AWG#30 60mm Black (RoHS+7P)                                      | 3.0000                 | pcs        | Head SW           |  |
|                        |             |                 |                                                                           |                        |            |                   |  |
|                        |             |                 | Head contact PCBA Assy.(RoHS)                                             |                        |            |                   |  |
| 86                     |             | 730-3808017-G02 | PCB RSB-04 Rev:00 FR4 D/S 1.2mm GP 26X34mm (RoHS)                         | 1.0000                 | pcs        | Head PCB          |  |
| 87                     |             | 707-4104050-G03 | CHIP C CAP 0.1uF +80/-20% 50V Y5V 0603 (RoHS)                             | 2.0000                 | pcs        | receive L,receive |  |
| 88                     |             | 711-1112502-G01 | WAFER PH=2.0 180° JS-1125-02 White (RoHS)                                 | 1.0000                 | pcs        | FS                |  |
| 89                     |             | 711-1112502-G02 | WAFER PH=2.0 180° JS-1125-02 Brown (RoHS)                                 | 2.0000                 | pcs        | R LED,L LED       |  |
| 90                     |             | 711-1112502-G03 | WAFER PH=2.0 180° JS-1125-02 Black (RoHS)                                 | 2.0000                 | pcs        | R Mic,L Mic       |  |
| 91                     |             | 711-1112502-G05 | WAFER PH=2.0 180° JS-1125-02 Grey (RoHS)                                  | 1.0000                 | pcs        | CS SW             |  |
| 92                     |             | 711-1112502-G04 | WAFER PH=2.0 180° JS-1125-02 Red (RoHS)                                   | 1.0000                 | pcs        | SPK               |  |
| 93                     |             | 711-1112503-G01 | WAFER PH=2.0 180° JS-1125-03 Grey (RoHS)                                  | 1.0000                 | pcs        | R.IR.Receive      |  |
| 94                     |             | 711-1112503-G02 | WAFER PH=2.0 180° JS-1125-03 White (RoHS)                                 | 1.0000                 | pcs        | L.IR .Receive     |  |
| 95                     |             | 711-1112505-G02 | WAFER PH=2.0 180° JS-1125-05 White (RoHS)                                 | 1.0000                 | pcs        | Head              |  |
| 96                     |             | 711-1112509-G01 | WAFER PH=2.0 180° JS-1125-09 White (RoHS)                                 | 1.0000                 | pcs        | Head              |  |
|                        |             |                 |                                                                           |                        |            |                   |  |
| 97                     |             | 707-1104025-G02 | C-CAP 0.1uF +/-20% 25V Dia 5.5 (RoHS)                                     | 15.0000                | pcs        | M1-M5             |  |
| 98                     |             | 719-0MFR135-G01 | Resettable PTC MF-R135(RoHS)                                              | 1.0000                 | pcs        | PTC1              |  |
| 99                     |             | 745-4016050-G01 | Mylar Speaker 40mm 16 Ohm 0.5W Paper coneDia40X6.3mm (RoHS)               | 1.0000                 | pcs        | SPK               |  |
| 100                    |             | 742-0LY7187-G02 | Rubber Key Pad 5Key LY7187 Dia 6mm Blue (RoHS+15P)                        | 1.0000                 | pcs        | TX Right key      |  |
| 101                    |             | 742-0LY7186-G02 | Rubber Key Pad 5Key LY7186 Dia 4.5mm Blue (RoHS+15P)                      | 1.0000                 | pcs        | TX Left key       |  |
| 102                    |             | 746-1MX1202-G01 | Detection Switch MX-1202 (RoHS)                                           | 2.0000                 | pcs        |                   |  |
| 103                    |             | 711-1020026-G01 | HOUSING 2PIN PH=2.0 #24 11x0.12x2c L=130mm Blu/Blu (RoHS+7P)              | 1.0000                 | pcs        | L Feedback key    |  |
| 104                    |             | 711-1020332-G01 | HOUSING 2PIN PH=2.0 #24 11x0.12x2c L=130mm Bn/Bn (RoHS+7P)                | 1.0000                 | pcs        | R Feedback key    |  |
| 105                    |             | 711-1020357-G01 | HOUSING 4PIN PH=2.0 #24 11x0.12x2c L=190mm Rd/Gn/Yel/Yel(RoHS+7P)         | 1.0000                 | pcs        | Tail SW           |  |
| 106                    |             | 711-1020331-G01 | HOUSING 5PIN PH=2.0 #28 7x0.125c L=300mm Bn/Rd/Org/Yel/Gn (RoHS+7P)       | 1.0000                 | pcs        | Head wire         |  |
| 107                    |             | 711-1020325-G01 | HOUSING 9Pin PH:2.0 #28 7x0.12x9c L=300mmBn/Rd/Org/Yel/Gn/Blu/Pur/Gry/Wht | 1.0000                 | pcs        | Head wire         |  |
| 108                    |             | 711-1020323-G01 | HOUSING 2PIN PH=2.0 #28 7x0.12x2c L=90mm Bk/Rd (RoHS+7P)                  | 1.0000                 | pcs        | SPK               |  |
| 109                    |             | 711-1020322-G01 | HOUSING 2PIN PH=2.0 #24 11x0.122c L=250mm Rd/Gn (RoHS+7P)                 | 1.0000                 | pcs        | LF-LB             |  |
| 110                    |             | 711-1020333-G01 | HOUSING 2PIN PH=2.0 #24 11x0.12x2c L=250mm Rd/Bn (RoHS+7P)                | 1.0000                 | pcs        | NC-NCC            |  |
| 111                    |             | 711-1020334-G01 | HOUSING 2PIN PH=2.0 #24 11x0.12x2c L=250mm Rd/Org (RoHS+7P)               | 1.0000                 | pcs        | BF-BB             |  |
| 112                    |             | 711-1020335-G01 | HOUSING 2PIN PH=2.0 #24 11x0.12x2c L=250mm Rd/Yel (RoHS+7P)               | 1.0000                 | pcs        | RB-RF             |  |
| 113                    |             | 753-0124200-G08 | PVC Wire AWG#24 200mm Black (RoHS+7P)                                     | 1.0000                 | pcs        | 3V GND to 6V      |  |
| 114                    |             | 753-0128045-G06 | PVC Wire AWG#28 45mm Blue (RoHS+7P)                                       | 1.0000                 | pcs        | Battery Box       |  |

Bill of Material

Date :2015/04/15

|                        |             |                 |                                                      |  |                       |                        |            |                |  |
|------------------------|-------------|-----------------|------------------------------------------------------|--|-----------------------|------------------------|------------|----------------|--|
| Customer Item No: 8017 |             |                 | Customer Item Name:                                  |  | Roboraptor Blue tooth |                        |            |                |  |
| Keys                   | Part Number |                 | Item Name                                            |  |                       | 產品需用量<br>Usage/product | 單位<br>Unit | 位置<br>Position |  |
| 115                    |             | 720-0240200-G02 | HEAT SHRINK TUBE OD=2.4mm ID=2.0mm Φ1.5mm (RoHS+7P)  |  |                       | 15.0000                | mm         | PTC Heat sink  |  |
| 116                    |             | 616-0968520-001 | EVA Pad 5X5X1.5                                      |  |                       | 2.0000                 | pcs        |                |  |
|                        |             |                 |                                                      |  |                       |                        |            |                |  |
|                        |             |                 | TX Main PCBA 成品(RoHS)                                |  |                       |                        |            |                |  |
| 117                    |             | 730-3808095-G11 | PCB RSU-11 Rev:00 FR4 D/S 0.6mm GP (RoHS)            |  |                       | 1.0000                 | pcs        | TX IC PCB      |  |
| 118                    |             | 722-3808095-G61 | IC Bonding K55100WS07 (RoHS)                         |  |                       | 1.0000                 | pcs        | U1             |  |
| 119                    |             | 730-3808095-GA1 | PCB RSU-10 Rev:01 V0 D/S 1.2mm GP (RoHS)             |  |                       | 1.0000                 | pcs        | TX Main PCB    |  |
| 120                    |             | 738-2075R02-G01 | Chip Resistor 75 Ohm +/-5% 1/10W 0805 (RoHS)         |  |                       | 1.0000                 | pcs        | R7             |  |
| 121                    |             | 738-2330R01-G01 | Chip Resistor 330 Ohm +/-5% 1/16W 0603 (RoHS)        |  |                       | 2.0000                 | pcs        | R3.R4          |  |
| 122                    |             | 738-2001K01-G01 | Chip Resistor 1K Ohm +/-5% 1/16W 0603 (RoHS)         |  |                       | 1.0000                 | pcs        | R1             |  |
| 123                    |             | 738-204K701-G01 | Chip Resistor 4.7K Ohm +/-5% 1/16W 0603 (RoHS)       |  |                       | 1.0000                 | pcs        | R9             |  |
| 124                    |             | 738-2470K01-G02 | Chip Resistor 470K Ohm +/-1% 1/16W 0603 (RoHS)       |  |                       | 1.0000                 | pcs        | R2             |  |
| 125                    |             | 707-4104050-G03 | CHIP C CAP 0.1uF +80/-20% 50V Y5V 0603 (RoHS)        |  |                       | 2.0000                 | pcs        | C3.C4          |  |
| 126                    |             | 750-0S8550D-G03 | Chip Transistor S8550D SOT-23 1.5A PNP EBC (RoHS)    |  |                       | 1.0000                 | pcs        | Q1             |  |
| 127                    |             | 750-008050D-G01 | Chip Transistor 8050D SOT-23 NPN (RoHS)              |  |                       | 2.0000                 | pcs        | Q2.Q5          |  |
| 128                    |             | 707-0106016-G14 | E-CAP 10 μF +/-20% 16V Dia4X7 PET(RoHS)              |  |                       | 2.0000                 | pcs        | C1.C2          |  |
| 129                    |             | 705-0226150-G16 | PVC wire #26 7x0.12x2c L=150mm Red/Black (RoHS+7P)   |  |                       | 1.0000                 | pcs        | VCC/GND        |  |
| 130                    |             | 733-IR5010C-G00 | IR Emitting Diode IR-5010C Dia:5mm White (RoHS)      |  |                       | 1.0000                 | pcs        | D3             |  |
| 131                    |             | 726-5RPSMNP-G01 | LED Red Φ5mm 5RPSM-NP (RoHS)                         |  |                       | 1.0000                 | pcs        | D1             |  |
| 132                    |             | 705-0230060-G08 | PVC wire #30 7x0.12x2c L=60mm Black/Red (RoHS+7P)    |  |                       | 1.0000                 | pcs        | Red led wire   |  |
| 133                    |             | 705-0230050-G04 | PVC wire #30 7x0.12x2c L=50mm Black/Blue (RoHS+7P)   |  |                       | 1.0000                 | pcs        | IR LED wire    |  |
| 134                    |             | 720-0190150-G02 | HEAT SHRINK TUBE OD=1.9mm ID=1.5mm Φ=1.0mm (RoHS+7P) |  |                       | 60.0000                | mm         | IR led Red led |  |
| 135                    |             | 730-3808095-GB1 | PCB RSU-12 Rev:00 V0 S/S 1.2mm GP 13X18mm (RoHS)     |  |                       | 1.0000                 | pcs        | TX SW PCB      |  |
| 136                    |             | 705-0228050-G14 | PVC wire #28 7x0.12x2c L=50mm Green/Green (RoHS+7P)  |  |                       | 1.0000                 | pcs        | TX SW wire     |  |
| 137                    |             | 742-0983100-G03 | Square Rubber key Pad LY6983-100 (RoHS+7P)           |  |                       | 2.0000                 | pcs        | TX SW          |  |