

## EW019H BOM LIST

| ITEM | TYPE                     | DESCRIPTION                       | UNIT | QUANTITY | DESIGNATOR |
|------|--------------------------|-----------------------------------|------|----------|------------|
| 1    | Wireless MIC             | EW021R/EW019H                     | PCS  | 1        |            |
| 2    | Wireless mic transmitter | EW019H                            | PCS  | 1        |            |
| 3    | ringer                   | EW019H                            | PCS  | 1        |            |
| 4    | sign                     | φ30.5 PVC                         | PCS  | 1        |            |
| 5    | sheet copper             | δ=0.4                             | PCS  | 1        |            |
| 6    | sheet copper             | 0.4*200mm(half rigidity)          | KG   | 0.0009g  |            |
| 7    | net                      | EW001                             | PCS  | 1        |            |
| 8    | paster                   | 15*4                              | PCS  | 1        |            |
| 9    | cover                    | EW001                             | PCS  | 1        |            |
| 10   | ABS resin                | 0215A                             | g    | 0.0143   |            |
| 11   | oil                      |                                   | KG   | 0.1      |            |
| 12   | pp primer                | achromaticity                     | KG   | 0.1      |            |
| 13   | paint                    | AP-3                              | KG   | 0.2      |            |
| 14   | thinner                  | N05600                            | KG   | 0.1      |            |
| 15   | spring gasket            | Φ2*0.5                            | PCS  | 4        |            |
| 16   | flap gasket              | φ2*4.5                            | PCS  | 4        |            |
| 17   | tube                     | ew001                             | PCS  | 1        |            |
| 18   | PCB seat                 | ew001                             | PCS  | 1        |            |
| 19   | sheath                   | blue T2.2*φ35.8*φ33.1 ABS EW001   | PCS  | 1        |            |
| 20   | powder                   | blue 04150                        | kg   | 0.004    |            |
| 21   | powder                   | gray 50149                        | kg   | 0.004    |            |
| 22   | sheath                   | red T2.2*φ35.8*φ33.1 ABS EW001    | PCS  | 1        |            |
| 23   | sheath                   | white T2.2*φ35.8*φ33.1 ABS EW001  | PCS  | 1        |            |
| 24   | sheath                   | yellow T2.2*φ35.8*φ33.1 ABS EW001 | PCS  | 1        |            |
| 25   | sheath                   | orange T2.2*φ35.8*φ33.1 ABS EW001 | PCS  | 1        |            |
| 26   | screw                    | M4*16                             | PCS  | 1        |            |
| 27   | screw                    | M2*13                             | PCS  | 4        |            |
| 28   | nut                      | M2*T4 S=1.5                       | PCS  | 4        |            |
| 29   | wire                     | 14P PH1.27 85℃ colour             | mm   | 3        |            |
| 30   | wire                     | Φ4.2*60mm                         | PCS  | 1        |            |
| 31   | socket                   | 3P 2.0 PH-3Y                      | PCS  | 1        |            |
| 32   | sheet copper             | φ4.2                              | PCS  | 1        |            |
| 33   | rubber board             | Φ20*Φ6.4*1                        | PCS  | 1        |            |
| 34   | switch seat              | ABS EW001                         | PCS  | 1        |            |
| 35   | tie-in                   | M32*1.5mm                         | PCS  | 1        |            |
| 36   | switch                   | ABS EW001                         | PCS  | 1        |            |
| 37   | sponge                   | φ47*36φ*45                        | PCS  | 1        |            |

|    |                      |                            |     |        |  |
|----|----------------------|----------------------------|-----|--------|--|
| 38 | spring gasket        | φ4                         | PCS | 1      |  |
| 39 | pcb                  | 1F 169-177MHZ EW019H       | PCS | 1      |  |
| 40 | inductance           | SFK5-515914NP(14)          | PCS | 1      |  |
| 41 | inductance           | Φ0.5 2UEW 6T CS25-515383   | PCS | 2      |  |
| 42 | wire                 | Φ0.5*2UEW                  | g   | 0.004  |  |
| 43 | tin silk             | 0.25mm                     | g   | 0.0003 |  |
| 44 | SMD 0603 CAP ceramic | 22PF                       | PCS | 1      |  |
| 45 | SMD 0603 CAP ceramic | 27PF/50V                   | PCS | 1      |  |
| 46 | SMD 0603 CAP ceramic | 68PF/50V                   | PCS | 1      |  |
| 47 | PCB                  | 169-246MHZ EW019H          | PCS | 1      |  |
| 48 | switch               | SS-23D07-G4                | PCS | 1      |  |
| 49 | seat                 | 3P 2.0 90° PH-3W           | PCS | 1      |  |
| 50 | crystal              | 32.768KHz                  | PCS | 4      |  |
| 51 | resistance           | 100KΩ NTC                  | PCS | 1      |  |
| 52 | transformer          | 5K5L-514680NP(80) EG61     | PCS | 1      |  |
| 53 | inductance           | 5K5L-515851NP(51)          | PCS | 1      |  |
| 54 | LED                  | φ3 blue (LL-304BD2E-B4-1B) | PCS | 2      |  |
| 55 | LED underlay         | Φ4*10.5 yellow             | PCS | 1      |  |
| 56 | SMD CAP-tantalum     | 10uF/16V A                 | PCS | 10     |  |
| 57 | SMD CAP-tantalum     | 1uF/16V A                  | PCS | 5      |  |
| 58 | SMD 0603 CAP ceramic | 10uF/50V±20% TDK           | PCS | 2      |  |
| 59 | SMD CAP-tantalum     | 4.7uF/16V A                | PCS | 1      |  |
| 60 | SMD CAP-tantalum     | 2.2uF/16V A                | PCS | 1      |  |
| 61 | SMD 0603 CAP ceramic | 0.1uF/50V                  | PCS | 3      |  |
| 62 | SMD 0603 CAP ceramic | 0.01uF/50V                 | PCS | 7      |  |
| 63 | SMD 0603 CAP ceramic | 1000PF                     | PCS | 5      |  |
| 64 | SMD 0603 CAP ceramic | 47PF/50V                   | PCS | 3      |  |
| 65 | SMD 0603 CAP ceramic | 2200PF/50V                 | PCS | 6      |  |
| 66 | SMD 0603 CAP ceramic | 33PF                       | PCS | 2      |  |
| 67 | SMD 0603 CAP ceramic | 56PF/50V TDK               | PCS | 1      |  |
| 68 | SMD 0603 CAP ceramic | 10PF/50V±5%                | PCS | 2      |  |
| 69 | SMD 0603 CAP ceramic | 3PF                        | PCS | 1      |  |
| 70 | SMD 0603 CAP ceramic | 150PF/50V TDK              | PCS | 3      |  |
| 71 | SMD 0603 CAP ceramic | 27PF/50V                   | PCS | 1      |  |
| 72 | SMD 0603 CAP ceramic | 8.2PF/50V NPO              | PCS | 1      |  |
| 73 | SMD 0603 CAP ceramic | 22PF                       | PCS | 1      |  |
| 74 | SMD 0603 CAP ceramic | 15PF/50V                   | PCS | 1      |  |
| 75 | SMD 0603 CAP ceramic | 100PF/50V±5%               | PCS | 1      |  |
| 76 | commutation diode    | 1N4148                     | PCS | 2      |  |
| 77 | varactor             | ISV-270                    | PCS | 1      |  |

|     |                      |                                    |     |       |  |
|-----|----------------------|------------------------------------|-----|-------|--|
| 78  | commutation diode    | RB400D(D3A)                        | PCS | 1     |  |
| 79  | IC                   | NJM4558M (TE1)                     | PCS | 1     |  |
| 80  | dynatron             | 2SC3838K                           | PCS | 4     |  |
| 81  | dynatron             | MMBTH10L                           | PCS | 1     |  |
| 82  | dynatron             | CN3302MR/3.3V SOT-23               | PCS | 1     |  |
| 83  | dynatron             | 2SC2412K(BR)                       | PCS | 1     |  |
| 84  | zoner diode          | XC62FP5002MR 5A0                   | PCS | 2     |  |
| 85  | dynatron             | SOT-892SA1797Q AG                  | PCS | 1     |  |
| 86  | resistance           | 20K $\Omega$ -X50B24-B20K $\Omega$ | PCS | 1     |  |
| 87  | CAP                  | V10P                               | PCS | 4     |  |
| 88  | resistance           | 33K $\Omega$ ±5%                   | PCS | 3     |  |
| 89  | resistance           | 1K $\Omega$ ±5%                    | PCS | 11    |  |
| 90  | resistance           | 39K $\Omega$ ±5%                   | PCS | 1     |  |
| 91  | resistance           | 22K $\Omega$ ±5%                   | PCS | 5     |  |
| 92  | resistance           | 10K $\Omega$ ±5%                   | PCS | 7     |  |
| 93  | resistance           | 10M $\Omega$ ± 5%                  | PCS | 1     |  |
| 94  | resistance           | 68K $\Omega$                       | PCS | 1     |  |
| 95  | resistance           | 2.2K $\Omega$ ±5%                  | PCS | 2     |  |
| 96  | resistance           | 18K $\Omega$ ±5%                   | PCS | 2     |  |
| 97  | resistance           | 4.7K $\Omega$ ±5%                  | PCS | 2     |  |
| 98  | resistance           | 20K $\Omega$ ± 5%                  | PCS | 1     |  |
| 99  | resistance           | 3.3K $\Omega$ ±5%                  | PCS | 1     |  |
| 100 | resistance           | 470 $\Omega$ ±5%                   | PCS | 1     |  |
| 101 | resistance           | 47K $\Omega$ ±5%                   | PCS | 3     |  |
| 102 | resistance           | 300K $\Omega$ ± 5%                 | PCS | 1     |  |
| 103 | resistance           | 5.6K $\Omega$ ±5%                  | PCS | 1     |  |
| 104 | PCB                  | EW019H FR-4 1.6mm                  | PCS | 1     |  |
| 105 | IC                   | 4069UB                             | PCS | 1     |  |
| 106 | IC                   | TK10690M-SOP-8                     | PCS | 1     |  |
| 107 | inductance           | 1uH                                | PCS | 3     |  |
| 108 | inductance           | 2.2uH                              | PCS | 1     |  |
| 109 | resistance           | 100K $\Omega$ ± 5%                 | PCS | 1     |  |
| 110 | resistance           | 100 $\Omega$ ±5%                   | PCS | 3     |  |
| 111 | SMD 0603 CAP ceramic | 12PF/50V NPO±5%                    | PCS | 1     |  |
| 112 | SMD 0603 CAP ceramic | 47PF/50V NPO±5%                    | PCS | 1     |  |
| 113 | PCB                  | 2F 179-185MHZ EW019H               | PCS | 1     |  |
| 114 | inductance           | SFK5-515912NP(12)                  | PCS | 1     |  |
| 115 | inductance           | Φ0.5 2UEW 6T CS25-515383           | PCS | 2     |  |
| 116 | wire                 | Φ0.5 2UEW                          | g   | 0.002 |  |
| 117 | PCB                  | 169-246MHZ EW019H                  | PCS | 1     |  |

|     |                |                       |     |      |  |
|-----|----------------|-----------------------|-----|------|--|
| 118 | PCB            | 3F 190-198MHZ EW019H  | PCS | 1    |  |
| 119 | PCB            | 169-246MHZ EW019H     | PCS | 1    |  |
| 120 | PCB            | 4F 199-215MHZ EW019H  | PCS | 1    |  |
| 121 | PCB            | 5F 216-225MHZ EW019H  | PCS | 1    |  |
| 122 | PCB            | 6F 227-231MHZ EW019H  | PCS | 1    |  |
| 123 | PCB            | 7F 232-246MHZ EW019H  | PCS | 1    |  |
| 124 | box            | 370*305*520           | PCS | 0.05 |  |
| 125 | box            | 350*285*240           | PCS | 0.1  |  |
| 126 | plastic        | 280*237 EW021R/EW019H | PCS | 1    |  |
| 127 | paper(chinese) | 265*221               | PCS | 1    |  |
| 128 | paper(English) | 265*221               | PCS | 1    |  |