

| BOM           |                     |                                                                        |                            |             |
|---------------|---------------------|------------------------------------------------------------------------|----------------------------|-------------|
| Product name: |                     | iK8 Wireless Microphone                                                |                            |             |
| FCC ID:       |                     | 2AR5AWMLP2018M                                                         |                            |             |
| Serial        | Component name      | Specification parameter                                                | Place number               | Consumption |
| 1             | PCB1                | 75*26*1.2MM FR4 Double-panel tin-sprayed green and white silk printing |                            |             |
| 2             | chip resistor       | 0R 0402/ $\pm 5\%$                                                     | R3                         | 1           |
| 3             | chip resistor       | 1R 0402/ $\pm 5\%$                                                     | R11                        | 1           |
| 4             | chip resistor       | 680R 0402/ $\pm 5\%$                                                   | R9                         | 1           |
| 5             | chip resistor       | 1K 0402/ $\pm 5\%$                                                     | R5 R6 R7 R8 C15<br>FB1 FB2 | 7           |
| 6             | chip resistor       | 2.2K 0402/ $\pm 5\%$                                                   | R2                         | 1           |
| 7             | chip resistor       | 10K 0402/ $\pm 5\%$                                                    | R1 R10                     | 2           |
| 8             | chip resistor       | 1M 0402/ $\pm 5\%$                                                     | R4 R22                     | 2           |
| 9             | Chip capacitor      | 3P 0402                                                                | C3 C7                      | 2           |
| 10            | Chip capacitor      | 10P 0402                                                               | C9 C11 C24 C28             | 4           |
| 11            | Chip capacitor      | 30P 0402                                                               | C1                         | 1           |
| 12            | Chip capacitor      | 100P 0402                                                              | C6 C17 C19 C29             | 4           |
| 13            | Chip capacitor      | 331 0402                                                               | C5                         | 1           |
| 14            | Chip capacitor      | 104 0402                                                               | C10 C12 C31 C33            | 4           |
| 15            | Chip capacitor      | 105 0402                                                               | C2 C13 C16 C22<br>C26 C27  | 6           |
| 16            | Chip capacitor      | 225 0402                                                               | C4                         | 1           |
| 17            | Chip capacitor      | 475 0402                                                               | C8 C18 C20 C21             | 4           |
| 18            | Chip capacitor      | 106 0805                                                               | C25 C14 C34                | 3           |
| 19            | Chip capacitor      | 226 0805                                                               | C32                        | 1           |
| 20            | chip inductor       | 8.2NH                                                                  | L5                         | 1           |
| 21            | chip inductor       | 18NH                                                                   | L3 L4                      | 2           |
| 22            | chip inductor       | 39NH                                                                   | L1 L2                      | 2           |
| 23            | chip inductor       | 82NH                                                                   | L6 L7 L8 L9                | 4           |
| 24            | Chip LED            | Blue LED 0603                                                          | D2                         | 1           |
| 25            | Chip LED            | Yellow LED 0603                                                        | D4                         | 1           |
| 26            | Chip LED            | RED LED 0603                                                           | D3 D5                      | 2           |
| 27            | Chip LED            | Green LED 0603                                                         | D1                         | 1           |
| 28            | Chip Bead           | 1K@100MHZ 0603                                                         | FB3 FB5                    | 2           |
| 29            | SMD crystal         | 24.576M/10PPM/CL=10P CX3225SB2                                         | Y2                         | 1           |
| 30            | USB MICRO           | USB MICRO                                                              | J2                         | 1           |
| 31            | Patch potentiometer | 100K                                                                   | VR1                        | 1           |
| 32            | Patch key           | 4.5*4.5*1.5 SW-KFC15-4.5X4.5-69-1                                      | S2                         | 1           |
| 33            | Integrated circuit  | BK9521                                                                 | U1                         | 1           |
| 34            | Integrated circuit  | ME6211-3V                                                              | U2                         | 1           |
| 35            | Integrated circuit  | SN8F5703                                                               | U3                         | 1           |
| 36            | Integrated circuit  | TP4054                                                                 | U4                         | 1           |
| 37            | Self-locking switch | PB-5807                                                                | S1                         | 1           |
| 38            | 2P Socket           | 2MM*2 Horizontal                                                       | CON1                       | 1           |