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Oct. 23, 2025

Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road Columbia,
MD 21046

SUBJECT: Class II Permissive Change for FCC ID: 2AOKB-A3326

The product has been granted by FCC dated 08/30/2024, FCC ID: 2AOKB-A3326. Now we, Anker Innovations Limited, would like to modify the authorized equipment for below changes:

- Changed the product designation;
- Changed the hardware version and software version;
- Changed the appearance button color;
- The detailed changes to EUT are as follows:

Wireless microphone:

- 1、Added an electrostatic tube with model number XR0511P, DFN1006-2.
- 2、Replaced the connector at position J1 and increased the number of connected pins.
- 3、Added capacitors C51, C12, C15, C2, and C9 with a specification of 106pF.
- 4、Replaced the low-noise LDO chip, changing the model from LP3982S-33B5F, SOT23-5 to LTK63320-S235, SOT23-5.
- 5、Replaced the brand Quyang's capacitor MIC.
- 6、Added ceramic resistors and ceramic capacitors to the MIC peripheral circuit with specifications of 3.3k Ω and 225pF.

For the above described change the following tests was considered to be necessary:

Clause	Testing
§15.209	Radiated Spurious Emission

Not affect the RF parameter.

We would like to certify the additional of certified FCC ID: 2AOKB-A3326 as a Class II Permissive Change in this device.

Thank you for your attention in this matter.

Signatory:



Anker Innovations Limited
Contact person: Louis Qi
Title: Testing and Compliance Director

Peripheral components for dynamic microphone – original					New – BT727_ After Modifying to Capacitor MIC				
NO.	Name	specification	dosage	location	Name	specification	dosage	location	remark
1	PCB	Motherboard: BT727_MIC_TX_V0.2_20240717, Size: 165.7X19X1.2mm, 2 layers, OSP, through-hole oil filling, green oil with white characters, ROHS 2.0 + REACH	1		PCB	Motherboard: BT727C_MIC_TX_V0.1_20250710, Dimensions: 165.7X19X1.2mm, 2 layers, OSP, Through-hole oil filled, Green oil with white characters, 1 row of 8, ROHS 2.0 + REACH	1		displace
2	capacitance	Ceramic capacitors, 226PF, $\pm 20\%$, 0603, 6.3V, X5R, Brands: Samsung / Kemet / Huaxinke / Weicheng / Fenghua / Sanhe, SMT, ROHS 2.0 + REACH	4	C4,C7.C6,C11.	Capacitor	Ceramic capacitor, 226PF, $\pm 20\%$, 0603, 6.3V, X5R, Brand: Samsung / Nichicon / Wuxinke / MicroCap / Fenghua / Sanhuan, SMT, ROHS 2.0 + REACH	2	C7.C11	Change in dosage
3	resistance	Ceramic resistors, 0Ω , $\pm 5\%$, 0603, 1/10W, Brands: Housheng / Wangquan / Meilong / Kemet / Huaxinke / Liqi / Fenghua / Hong Kong Resistors, SMT, ROHS 2.0 + REACH	3	L4.R16,R42	Resistor	Ceramic resistor, 0Ω , $\pm 5\%$, 0603, 1/10W, Brand: Huosheng/Wangquan/Melon/Gigante/Huaxinke/Li Zi/Fenghua/Hong Kong Resistors, SMT, ROHS 2.0 + REACH	4	L4.R16,R42, R43	increase
4	Connector	Connector. Specification: Horizontal surface mount, 2P * 1.25MM, (require high-temperature resistant material), Brand: Guanzhong, ROHS 2.0 + REACH	1	J1	Connector	Connector. Specifications: Horizontal chip type, 3P * 1.25MM, without latch (requires high-temperature resistant material). Model: 12501-WR-S-3-M1-A-R-1, Brand: Guanzhong, ROHS 2.0 + REACH	1	J1	displace
5	Resistance	Ceramic resistors, $1K\Omega$, $\pm 1\%$, 0402, 1/16W, Brands: Housheng / Wangquan / Meilong / Kemet / Huaxinke / Liqi / Fenghua / Hong Kong Resistors, SMT, ROHS 2.0 + REACH	2	R31,R38	Resistance	Ceramic resistor, $1K\Omega$, $\pm 1\%$, 0402, 1/16W, Brand: Huosheng/Wangquan/Melon/Guoji/Huaxinke/Li Zi/Fenghua/Hong Kong Resistors, SMT, ROHS 2.0 + REACH	3	R31,R38,R20	increase
6	Resistance	Ceramic resistors, $100K\Omega$, $\pm 1\%$, 0402, 1/16W, Brands: Housheng / Wangquan / Meilong / Kemet / Huaxinke / Liqi / Fenghua / Hong Kong Resistors, SMT, ROHS 2.0 + REACH	3	R40.R3.R8	Resistance	Ceramic resistor, $100K\Omega$, $\pm 1\%$, 0402, 1/16W, Brand: Huosheng/Wangquan/Melon/Guoji/Huaxinke/Li Zi/Fenghua/Hong Kong Resistors, SMT, ROHS 2.0 + REACH	1	R40	Change in dosage

7	Resistor	Ceramic resistors, 10K Ω , $\pm$ 1%, 0402, 1/16W, Brands: Housheng / Wangquan / Meilong / Kemet / Huaxinke / Liqi / Fenghua / Hong Kong Resistors, SMT, ROHS 2.0 + REACH	5	R4.R9.R6.R7.R12.R19	Resistor	Ceramic resistor, 10K Ω , $\pm$ 1%, 0402, 1/16W, Brand: Huosheng/Wangquan/Melon/Guoji/Huaxinke/Li Zi/Fenghua/Hong Kong Resistors, SMT, ROHS 2.0 + REACH	8	R3.R4.R5.R8.R9.R6.R7.R12.R19	increase
8	Resistor	Ceramic resistors, 43K Ω , $\pm$ 1%, 0402, 1/16W, Brands: Housheng / Wangquan / Meilong / Kemet / Huaxinke / Liqi / Fenghua / Hong Kong Resistors / Fuji, SMT, ROHS 2.0 + REACH	2	R1.R5	Resistor	Ceramic resistor, 24K Ω , $\pm$ 1%, 0402, 1/16W, Brand: Huosheng/Wangquan/Melon/Guoji/Huaxinke/Li Zi/Fenghua/Hong Kong Resistors, SMT, ROHS 2.0 + REACH	1	R1	Change in dosage
9	Capacitor	Ceramic capacitors, 106PF, $\pm$ 20%, 0402, 10V, X5R, Brands: Samsung / Kemet / Huaxinke / Weicheng / Fenghua, SMT, ROHS 2.0 + REACH	5	C51.C12.C15.C2.C9	Capacitor	Ceramic capacitor, 106PF, $\pm$ 20%, 0402, 10V, X5R, Brand: Samsung / Nichicon / Wuxinke / MicroCap / Fenghua, SMT, ROHS 2.0 + REACH	6	C51.C12.C15.C2.C9.C20	increase
10	IC	Low-noise LDO, Model: LP3982S-33B5F, SOT23-5, SMT, Brand: Weisheng, Input voltage: 2.2V - 5.5V, Output voltage: 3.3V, ROHS 2.0 + REACH	1	U2	IC	Low-noise LDO, model: LTK63320-S235-L, SOT23-5, SMT, brand: Linkhi Co., Input voltage: 2.2V - 5.5V, Output voltage: 3.3V, ROHS 2.0 + REACH	1	U2	displace
11					Capacitor	Ceramic capacitor, 225PF, $\pm$ 10%, 0603, 16V, X5R, Brand: Samsung / Nichicon / Wuxinke / MicroCap / Fenghua, SMT, ROHS 2.0 + REACH	2	C4.C5	displace
12					Resistor	Ceramic resistor, 3.3K Ω , $\pm$ 1%, 0402, 1/16W, Brand: Huosheng/Wangquan/Melon/Guoji/Huaxinke/Li Zi/Fenghua/Hong Kong Resistors, SMT, ROHS 2.0 + REACH	1	R18	displace

13	MIC	Φ30.2×H52.2mm, moving coil microphone core, super cardioid directional, DCR: 360Ω, -55dB ± 2dB (0dB = 1V/Par at 1KHz), frequency response: 65-15KHZ, signal-to-noise ratio (SN: > 65dB), AOP ≥ 130DB, with black silicone rubber base 70°, red-black twisted wire cable UL3302#/32#/ exposed length 30±3mm (without terminal head / 2PIN * 1.25 spacing), metal needle facing the wire downward, left red and right black (the point on the microphone core terminal plate is soldered with red wire, the polarity of the soldered red wire position is positive), ROHS2.0 + REACH	1		MIC	16mm, 3.0V / 3.3KΩ, -52±3dB, S/N ≥ 70dB, AOP > 135dB, single direction, front and back pull difference ≥ 18dB; 3P*1.25MM plug with UL3302 AWG32# red-white-black twisted wire, length 80mm. The exposed wire length needs to be covered with shock-absorbing foam. The metal pins face the wire downward, left white, middle black, right red. Put on a 35±5° silicone sleeve (diameter Φ18 * height 23mm), model: BUM1650L80R-I522-S23U-3P, ROHS2.0 + REACH	1		displace
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