

BSMK-SWYX-6635 bluetooth speaker operation description

BSMK-SWYX-6635 bluetooth speaker is bluetooth 2.0+EDR

machine, receive bluetooth signal from mobile phone and decode to analog audio signal, then transmit to audio amplifier to drive audio speaker, also drive the water-dancing motor. it includes some aided board and circuit: led display board; usb interface board; main board: charging circuit, speaker drive circuit, water-dancing motor driver, bluetooth module, some aided power circuit, etc., detailed list below:

1, led display board: R1, R2, R3, R4, LED1, LED2, LED3, LED4, J3, J4

2, usb interface board: miniusb1, J1, J5, J6

3, charging circuit and battery: microusb1, D5, R287, J5, Q2, R16, R17, LED8

4, power switch circuit: SW2, R188

5, bluetooth module circuit: U8, C33, R9, R12, R13, Q1, U7, C27, C28

6, audiodac circuit: U6, C12, C13, C32, R26, U5, C29, C30, C31

7, audio amplifier

circuit: R5, C6, R4, R6, C9, R7, R26, R8, R10, U1, C1, C2, C3, J3

8, water-dancing motor driver

circuit: R21, R22, C22, R23, C23, U4, C14, C19, C21, R18, R19, D2, D3, C24, R2

4, C25, R25, R20, U3, C15, C16, J2

9, aided speaker interface: miniusb3