



Integrated Display Technology Limited

萬 威 科 技 有 限 公 司

Technical description of BXDR103A

BXDR103A is a remote units of Wireless 433.9MHz doorbell, A wireless door-bell with maximum of 5 remote units. Each remote unit can have its own sound identification (five types of different Melody).

U2 MCU-MSM64160D will generate the data to modulate when bellpush is pressed . thus the 433MHz signals section is activated and RF is transmitted.

Transmitter is made of Q5 as a RF oscillator , where X1 , the 433.92MHz SAW resonator provides the center frequency. L2,C16,L4,C17 perform as the matching network , R2,R3,R4 perform as the attenuator.

The Transmission of the Remote unit lasts for 2.6 seconds.

The white LED will light up for 2.6s second when bell push is pressed.