

IC: 342H-ARS140A

Circuit Description

The 16 MHz crystal oscillator drives the U2
The modulation provided by U2. The output of U2 has the matching network consisting of L1 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a Single dipole coil antenna. Antenna gain: 0dBi
There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied Input: DC 5V

Operation Descriptions

The transmitter is a BLUETOOTH SPEAKER operating at 2400-2483 MHz band. The transmitter is powered Input: DC5V, and the transmitting frequency is U2 controlled. The operation is achieved by different combinations of form pulse modulating signal on the 2400MHz carrier frequency.

Remarks

The EUT continues to transmit while power on. Modulation by IC; and type is GFSK, $\pi/4$ -DQPSK, 8DPSK modulation. Bluetooth Version: Bluetooth V3.0+EDR.

Other work mode:

Aux in: Interface IC: U4(AC1090)

For and on behalf of
深圳万利威电子有限公司
SHENZHEN MANIWAY ELECTRONICS LIMITED


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Authorized Signature(S)