

SP-0204 Circuit Description

The 24MHZ Crystal oscillator drives the base.

The modulation provided by AC6969D. The output of AC6969D module(U1) has the matching network and that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

The speaker output unit is controlled by the HAA2018 (U2) audio amplifier module.

Antenna, Ground and Power Source

The antenna consists of a 2.4GHz onboard antenna.

There is no external ground connection. Ground is just the ground of the printed circuit board.

Electric current is supplied by a 3.7 Volt primary battery.

Feature: Frequency Range: 2402MHz-2480MHz

Modulation Technique

BDR(GFSK)/EDR($\pi/4$ -SQPSK), EDR(8DPSK)