RF in/out
2402 ~ 2480MHz

3.0V-4.2V   1.8V

audio in/out

PIO0 ~ PIO21
AIO0 ~ AIO1

CSR8645

Balun/ Filter
(RFBPF1608070A0T)

2.4GHz
Radio

Regulator

Stereo
Audio Codec

Baseband
DSP

RAM

Kalimba
DSP

PIO

MCU

Crystal
26MHz/10ppm

EEPROM
(T24C64-1V8)

JS-BTM8645M Block Diagram