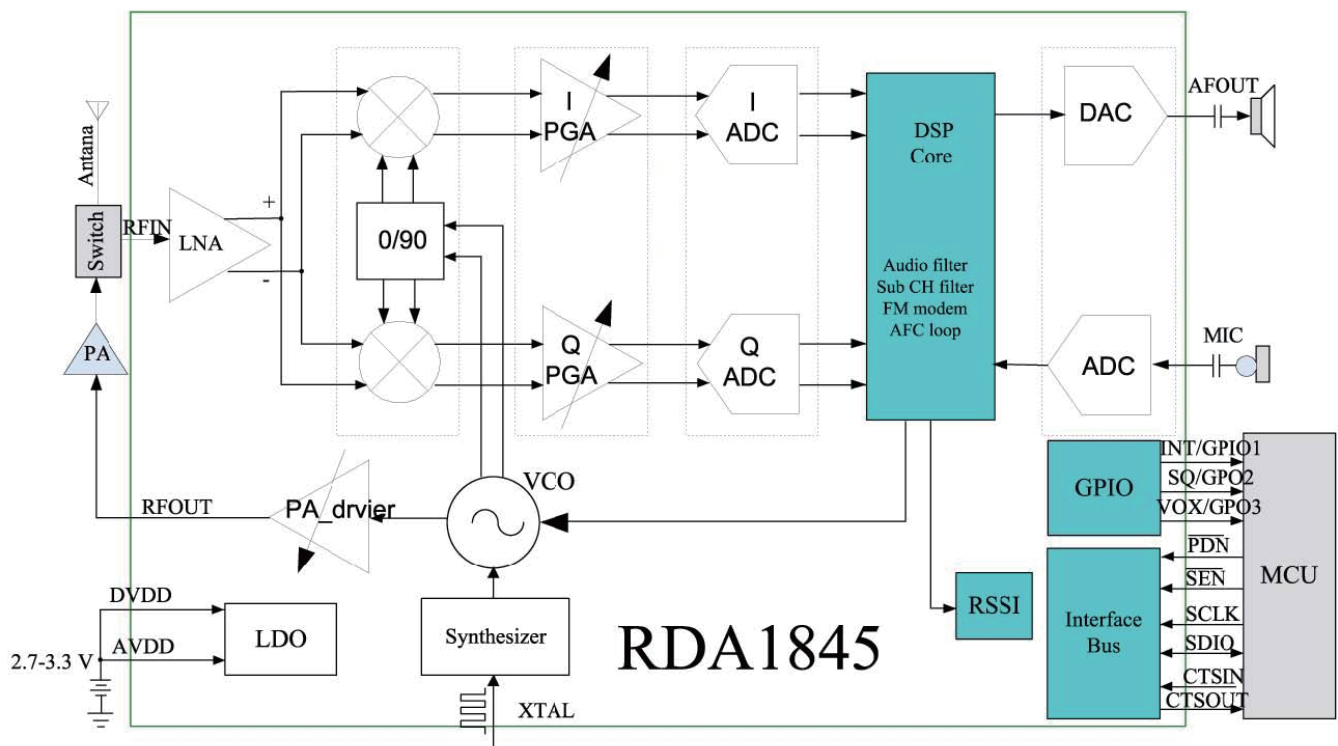


Electric Circuit Introduction

1 Receiving part

Using zero-IF receiver pattern. the RF signals sense from the antenna pass through the transceiver switches D2, D3, D1, then get into the U5 to be amplified, mixing, demodulated, and process the demodulated audio signals, Processed audio signal output from the U5 13 feet. After adjusted by RV1, the audio signals will be processed by the audio amplifier IC2, then get sound from the speakers.



2 Transmit Part

The modulated signals get from the microphone pass from the six feet of U5 into the U5, U5 use A/D conversion switch the modulated signals into digital signal, after amplificate, filtrate and other process modulated into RF signals, Output from U5 26 feet after amplified, then buffer magnified by Q22, conduct power promote amplify by Q26, then process power amplify by Q27, finally the RF signal transmit from the antenna.