

Circuit Diagram Description

The data transfer between the AR2524 and PC is conducted by the USB port. The system clock is provided with the 40MHz crystal.

The modulated I/Q signal from UW2453 is transmitted through RF switch and the antenna.

The Rx signal received from antenna sends to the RF switch and to UW2453. The demodulated data transfer happens between the USB port of the UW2453 and the connected PC.

The USB port provides 5V power, based on the on board DC/DC converter, it is converted to 3.3V and 1.8V to power up the whole system