

#### Description

- **MCU** While powered receives an input
- **MCU** sends a digital output to the **Modulator**
- **Modulator** switches **Oscillator** and **Amplifier** on and off to modulate the signal
- **Amplifier** amplifies the **Oscillator** signal to a usable level
- **Filter** removes unwanted frequencies from the signal and matches the **Amplifier** with the **Antenna** for optimum power
- The signal is Transmitted from the **Antenna**