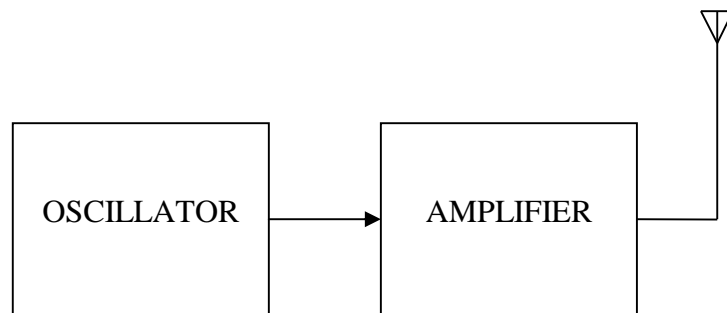




HP-208 TRANSMITTER BLOCK DIAGRAM



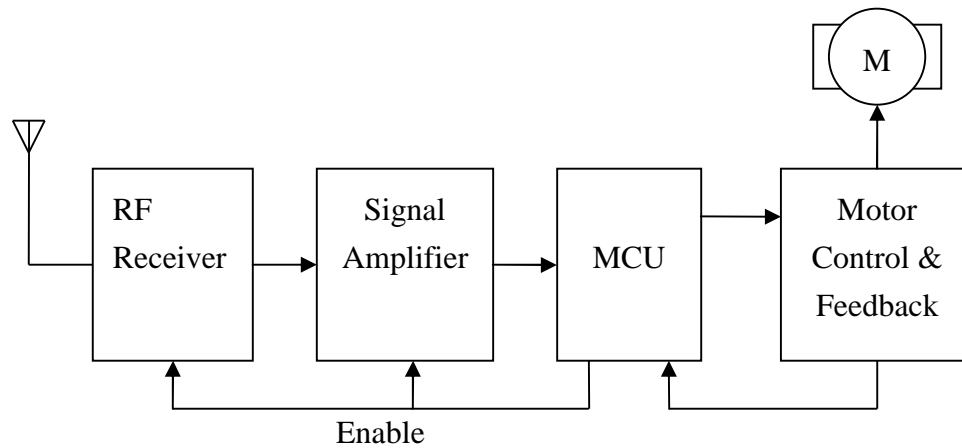
[Figure 1](#)

Description:

The oscillator circuit generates 315MHz pulse when the power switch is in ON position. The signal is then amplified and transmitted as continues RF pulse.



HP-208 RECEIVER BLOCK DIAGRAM



[Figure 2](#)

Description:

The signal amplifier amplifies the 315Mhz RF signal from the receiver and feeds it to the MCU. The MCU turns on the motor to rotate forward once it detects the signal. The MCU will reverse the rotation direction when the motor feedback circuit detects the motor stopped by external force. The MCU will stop the motor after 3 to 4 seconds then wait for the next RF signal.