

Model:GE5806DWM

Tx :

The Product is a transmitter for a Private Driveway Monitoring Alert System at RF 433.9Mhz which is controlled by a Saw oscillation circuit, The product is powered by two 1.5V alkaline batteries ( $2 \times 6LR61$ , 1.5V Alkaline batteries). When the detector detects the vehicle pass, the MCU, U1, would be triggered and a serial of digital signal would be generated by the U1. The generated digital signal would be modulated by the Q4 and SAW resonator, Y1. The modulated signal would be input to a matching network R18 & C9 and amplify by a RF AMP circuit Q5 & Q6. After match with matching network, associated by C11, C12, C14, C15, C17, C18, L4, L7, R27 & R28, the RF signal will be generated by the internal antenna.