Circuit description for wireless optical mouse

RECEIVER FOR MOUSE

RF Signal (27.055MHz) received by antenna on the PCB and then amplified by internal U1.The amplified RF Signal changed into intermediate frequency signal through modulating by high frequency oscillator of 27.055MHz from internal U1.The intermediate frequency signal transmits to D/A commutator from internal U1 and commutator transforms simulative signal into digital signal to computer. The digital signal can transmit between computer and receiver each other.

SENDER

Signal from left ,middle, right key of mouse and x &y axis of optical chip U1.The signal changed into RF signal of 27.055MHz through processing from U2 Mouse Core and modulating by high frequency oscillator from internal U2 , then sent by the antenna.