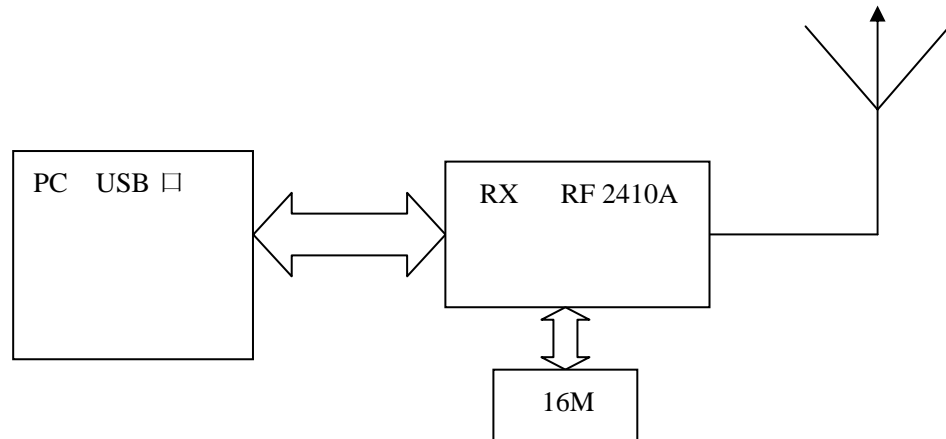


# MC-315RG Receiver Operation Description

RX



The principle of work describes:

TX principle of work:: Has a light emitter diode in the optical mouse interior, sends out the optical fiber through this light emitter diode, illuminates the optical mouse base surface, then part of optical fibers which reflects the optical mouse base surface, passes through group of optical lens, transmits the PAN3204 light induction component (micro imager) in the image formation. Thus, when the optical mouse moves, its motion path then by the record will be a group of high speed photography coherent image. To moves a series of images which after the image analysis processor in the path absorbs to carry on the analysis processing, through the characteristic point position's change carries on the analysis to these images on, judges mouse's travel direction and the motion distance, thus completes the cursor the localization. Delivers this part of signals RF2411A to carry on again the code, and will load high frequency: 2.400GHz ~ 2.527GHz) launches through the PCB board.