CIRCUIT DESCRIPTION OF OPTICAL MOUSE

This circuit includes mouse control IC (MA6221-S7K) and optical respondent IC (A2030), The optical respondent IC is used to collect the moving signal of mouse, which is transmitted to Ma6221-s7k by SDIO port after encoder processing. Ma6221-s7k is a Wireless Mouse Control IC.

The receiver circuit includes control IC Ma6062 and FM IF Receiver IC Mc3361, Ma6062 is a USB wireless mouse interface IC, which uses USB1.1 standard and communicate with computer, because it has button and turning over function , plus the moving signal of optical respondent IC from wireless Mouse .

LED1 is a high brightness red LED, which supply the lamp-house to optical Sensor IC, when the mouse is in resting condition , LED is in the sleeping mode (The time is less than 8 min), thereby to save the electricity.