

HY5000 Layout Description

This is a using 27MHZ RF FSK wireless optical mouse.

Transmitter Part:

After insert the batteries into the transmitter, batteries voltage goes into U1 27th pin from U1. Through voltage stability inside the U1 then output from 4th pin into U2 for the device working.

When moving the transmitter(mouse), U2 detect moving signal. These signals transport from 1st & 16th pins to U1's 19th & 18th pins. U1 process those signals then transmit these signals out from 8th pin.

Receiver Part:

U1 receives the signals, then transports the signals from 14th pin to U2's 9th pin. After process the signals transport the data to PC from U2's 14th & 15th pins.