



WIRELESS MOUSE

TEAM MEMBERS:

MALARKODI R

MONESH S

MYNAVATHI S

MADHIVANAN B

LATHIKA D

NILOFAR A



FRAME



made from plastic, metal, rubber, and other materials

Plastic:

- Acrylonitrile butadiene styrene (ABS): ABS is known for its shock resistance and structural stability
- Polylactic acid (PLA): A biodegradable plastic made from corn starch and cassava roots.

BUTTONS

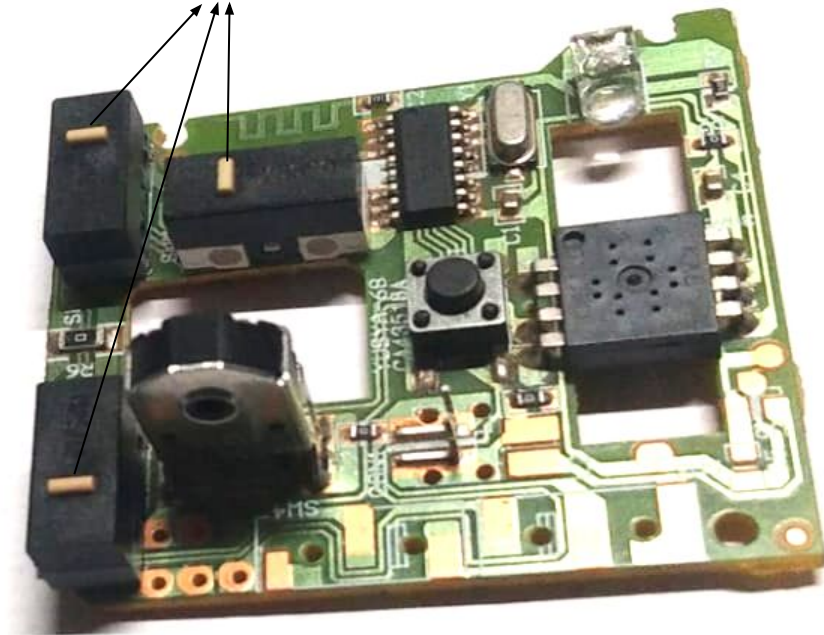
SCROLL WHEEL



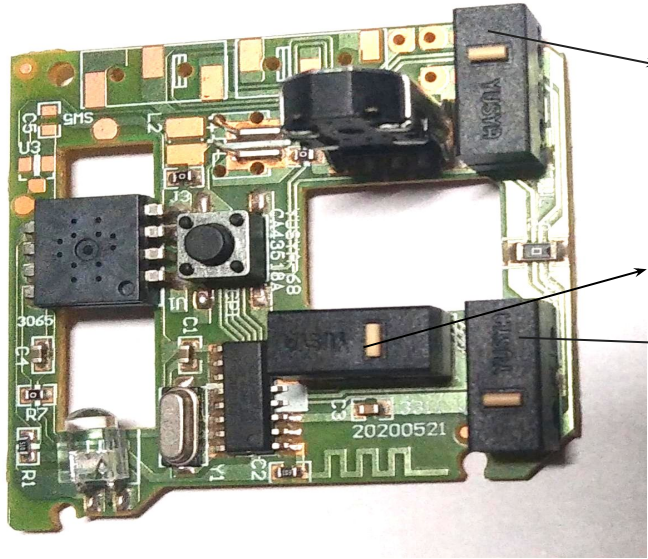
DPI



PUSH BUTTONS



PUSH BUTTONS



LEFT

MIDDLE

RIGHT



PRIMARY BUTTON - LEFT

click, select, drag to highlight, used as a pointer

SECONDARY BUTTON - RIGHT

display a drop-down menu containing the cut, copy, paste, change the font etc.

MIDDLE BUTTON - SCROLL WHEEL

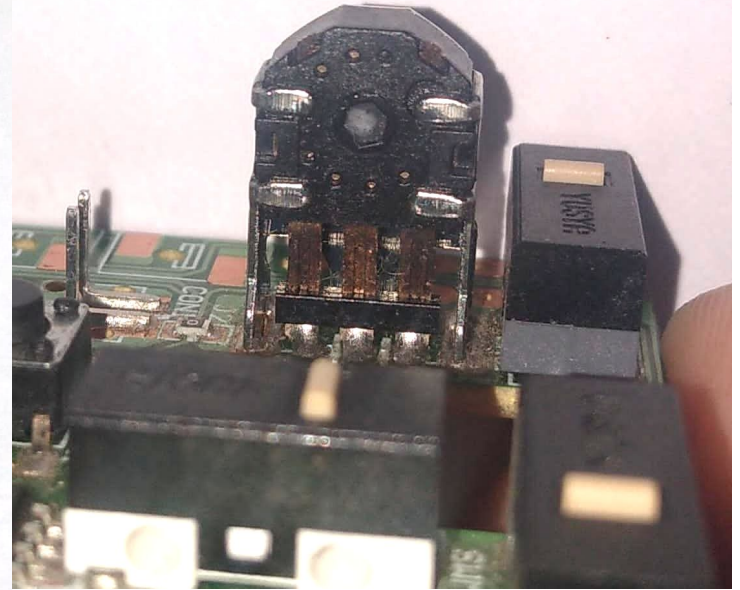
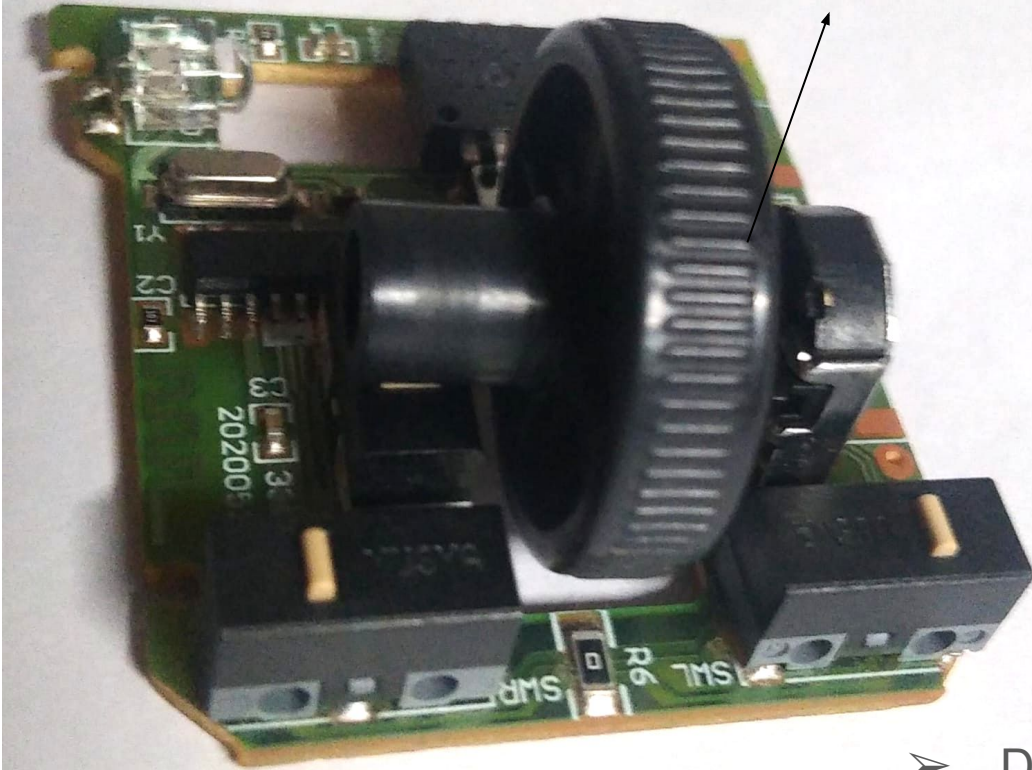
scroll up and down

DPI

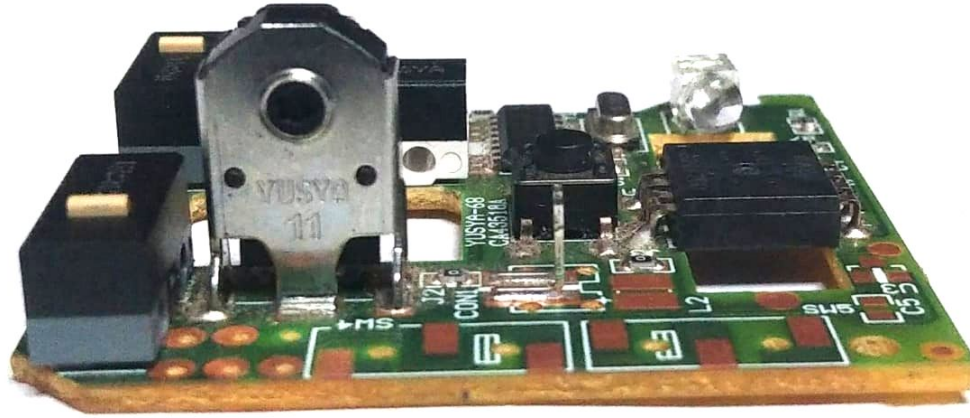


- DOTS PER INCH
- 800 DPI
- Measure of how sensitive a mouse is

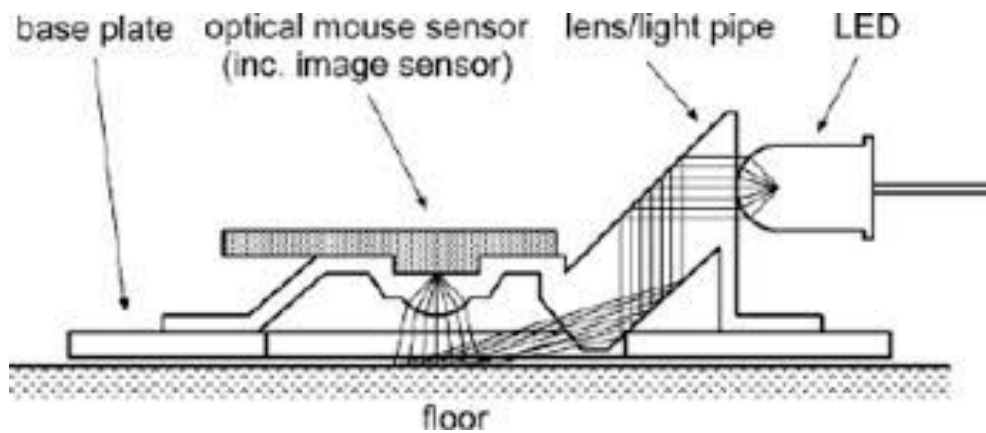
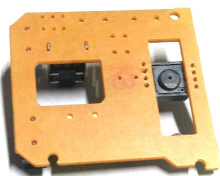
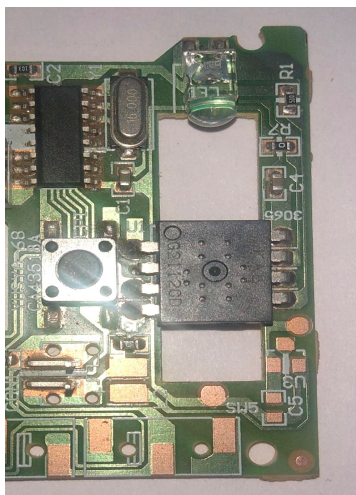
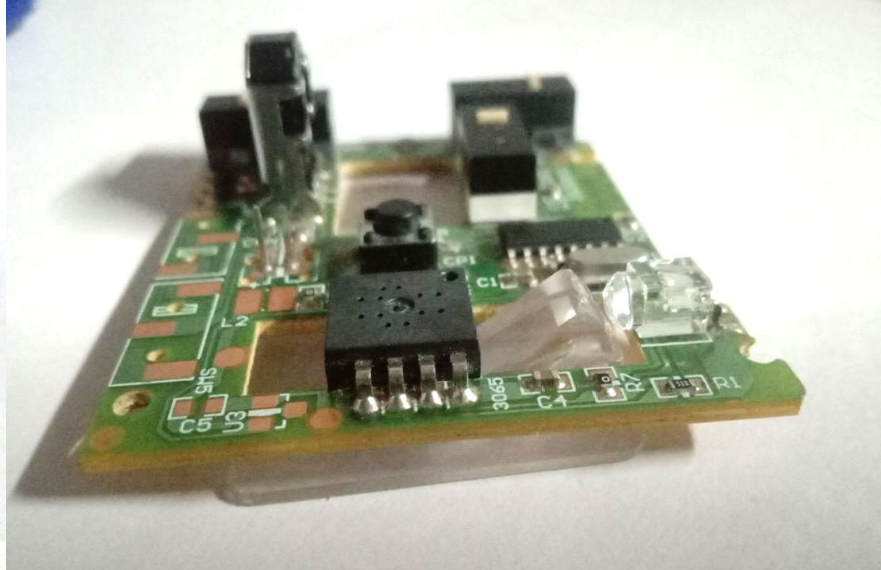
SCROLL WHEEL



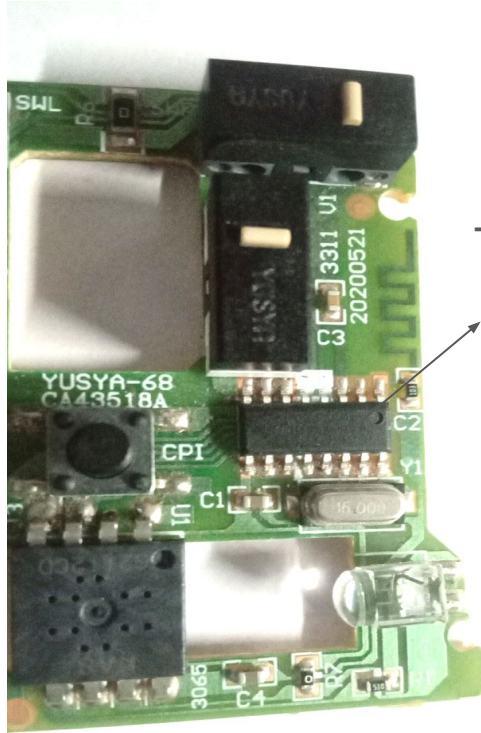
- Detects movement when you scroll
- The wheel Sends signal to the computer
- The computer scrolls up or down



- The rollers each connect to a shaft, and the shaft spins a disk with holes in it.
- When a roller rolls, its shaft and disk spin.
- This disk has 36 holes around its outer edge.
- On either side of the disk there is an infrared LED and an infrared sensor.



WIRELESS COMMUNICATION



Transmitter



Receiver

- Transmitter sends radio frequency (RF) signals containing information about the mouse movements and button clicks
- Receiver picks up these signals and translates them into actions on the screen

OTHER COMPONENTS



OSCILLATOR

generate a stable, precise clock signal that is crucial for accurately transmitting the mouse movement data



RESET BUTTON

to restore the mouse's connection to its receiver to factory settings

ATTRIBUTES

