

SLT Digital Spirit Electronic Ltd. , ShenZhen CN

## **TP05 Serials Touch Screen Controller**

- **SLT-TP05**
- **SLT-TP05-USB**
- **SLT-TP05-RS232**
- **TP05-5W-USB**
- **TP05-5W-RS232**

**Customer Name :** \_\_\_\_\_

**Date:** \_\_\_\_\_

The TP05 series of 4-Wire/5-Wire Analog Resistive TouchScreen Controller provides the optimistic performance of touch panels. It includes 4 kinds of products: SLT-TP05-USB, SLT-TP05-RS232, TP05-5W-USB, TP-05W-RS232; It communicates with PC directly through USB port, or RS232. The touch panel driver emulates mouse left and right button function and supports operation systems including Windows 95 / 98 / ME / NT4 / 2000 / XP / XP Tablet PC Edition, Windows CE2.12 / 3.0 / .NET, DOS, Linux and iMac.

### **Specifications for TouchKit Controller:**

- Power requirements: +5VDC ( Maximum 100mA, typical 70mA, 50mV peak to peak maximum ripple)
- Operating temperature: 0 to 50 C
- Protocol: USB 1.1 Low speed
- Resolution: 2048 X 2048
- Report rate: Max. 160 points/sec
- Response time: Max. 35 ms
- Panel resistance: 200 ~ 900 ohm ( pin to pin on the same layer )
- Dimensions: 0.79 in x 2.7 in
- Storage Temp. -50 ° C to 25° C
- Operating Temp. 0 ° C to 70° C

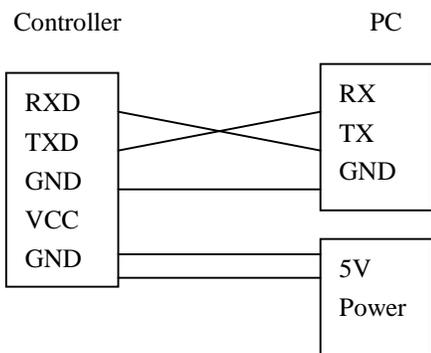
### **Features for TouchKit Software**

- Calibration: Fast full oriental 4 points position
- Compensation: Accuracy 25 points linearity compensation
- Mouse Emulator: Right / Left button emulation, Normal / Click on touch / Click on release mode, Auto right button
- Extend Feature: Support monitor / display rotation, Support multiple monitor / display, Support QVGA and Half-VGA function, Support edge compensation

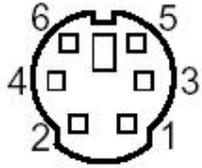
# External Data Line

## SLT-TP05-RS232

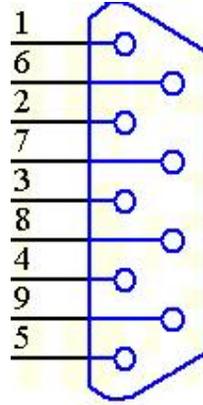
Product Photo:



Power supplied from ps2 socket



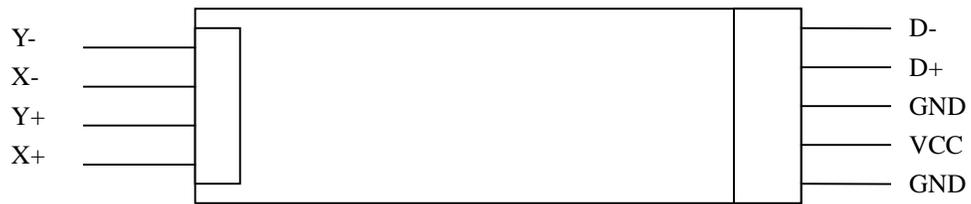
- 1: DATA
- 2:
- 3: GND
- 4: VCC
- 5: Clock
- 6:



- 2: RX
- 3: TX
- 5: GND

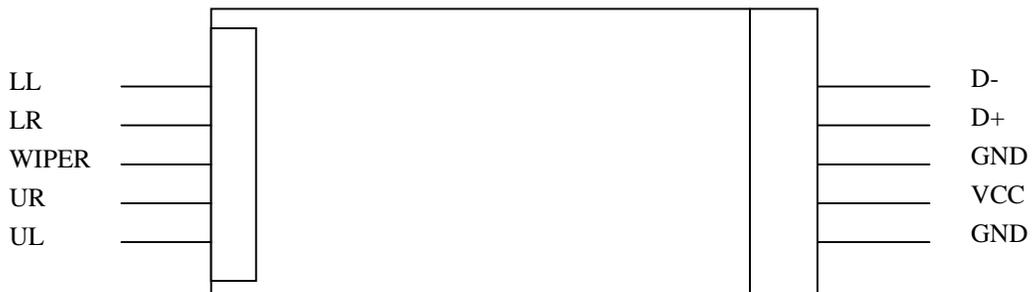
## SLT-TP05-USB

Product Photo:

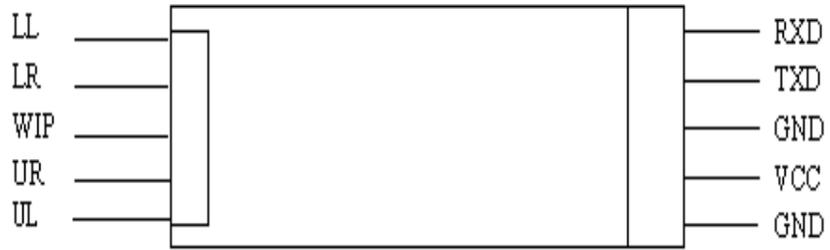


D-: WHIETE  
D+:GREEN,  
GND:BLACK ,  
VCC:RED,  
GND:BLACK

## TP05-5w-usb



## TP05-5w-rs232



RS232 Line Connected is same as slt-tp05-rs232