

HANTOUCH USA

Surface Acoustic Wave touch panel controller

Electrical Parameter

Interface

- USB

Touch Resolution

- 4096x4096, size independent, 255 levels of Z axis (pressure)

Conversion Time

- Less than 22 ms per coordinate set (including transmitting time)

Reliability

- MTBF greater than 200,000 hours

Environmental Temperature

- Operating: 0°C to 65°C
- Storage: -25°C to 85°C

Humidity

- Operating: 10% to 90% RH, non-condensing
- Storage: 10% to 90% RH, non-condensing

ESD

- Per EN 6100-4-2 : Contact discharge 8kV, air discharge 15kV.

Flammability

- The printed circuit board substrate is rated 94V0. All plastic components, such as headers and connectors, are also rated 94V0.

Construction

- Multi-layer surface-mount design with internal ground plane for EMI suppression

Supply Voltage and Current

- +12 VDC,
- 80 mA, typical at +12 VDC. Average power dissipation is 1 W, typical.
- Supply must be capable of sourcing 200 mA, minimum.

Certification

CE, FCC, TUV,UL

Dimensions

- 84mm*57mm*10mm