

HANTOUCH USA

Surface Acoustic Wave touch panel controller

Electrical Parameter

Interface

-Serial RS-232, DCE configuration. 8 Data Bits, 1 Stop Bit, No Parity, full Duplex.

Baud Rate

-9600 Operating Modes

Touch Resolution

-4096x4096, size independent, 256 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