

URTC-1000

Universal Resistive Touch Controller

Description

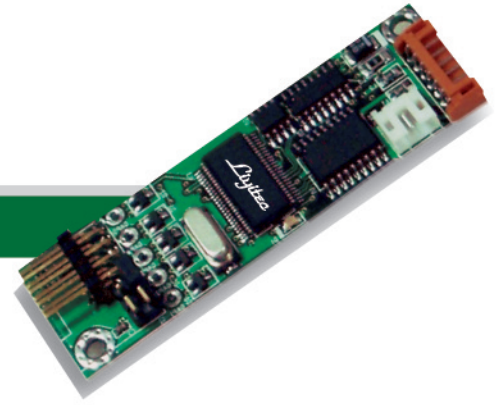
Being the first of its kind, Liyitec's URTC-1000 is a universal controller that supports various resistive touch technologies, and provides many features to meet different critical application requirements. The same controller unit can work with both 4-Wire and 5-Wire resistive touch screens, as well as USB and Serial interfaces. With the URTC-1000, the positional level of the touch screen can be adjusted when optimal performance is required.

Features

- + Auto-Sense Serial or USB Touch Interface
- + Support Both 4-Wire and 5-Wire Touch Technologies
- + PIN Assignment Configurable
- + High Sampling Speed and Response Rate: Suitable for writing and signature capture
- + On-Board Power Connector Option
- + Provide Advanced Features: Such as rotation, right click, double click, multi-displays, multi-controllers, etc.
- + Support USB Plug-and-Play and System Wakeup (per Microsoft and USB standards)
- + OS support: Windows 95/98/2000/ME/XP/NT/CE/Vista, DOS, Linux
- + Chipset Solution Available
- + RoHS Compliant
- + One Year Warranty

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General Specifications

Electrical

Supply Voltage	DC5V (+4.75 ~ +5.25 VDC)
Power Consumption	40mA (Typical)
Resolution	4096 x 4096
ESD	Contact Discharge 8KV, Air Discharge 15KV

Interface

USB, RS232
(PS2 available upon request)

Environmental

Operating Temperature	0°C ~ +65°C
Storage Temperature	-25°C ~ +85°C
Operation/Storage Humidity	10% ~ 90% RH

Mechanical Dimensions

23mm x 77mm x 8mm

Operating Mode

Desktop, Drawing, Button

MTBF

Greater than 300,000 hours

Operating System

Windows 95/98/2000/ME/XP/NT/CE/Vista, DOS, Linux



RöHS
COMPLIANT
Since November 2004



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