



# Specification of Resistive Controller Board & User Manual

Customer :

Model : 33-5W232-BB

Date :

Version :

Acceptance Sheet			
Onetouch Technologies Co., Ltd.			
(Supplier)		(Purchaser)	
Date	Approval Signature	Date	Approval Signature



# Note !!

Please avoid using it on the products correlated with the human life. (For example: Medical apparatus, universe apparatus, plane, seafloor relay apparatus, etc. needs high trusting thing)

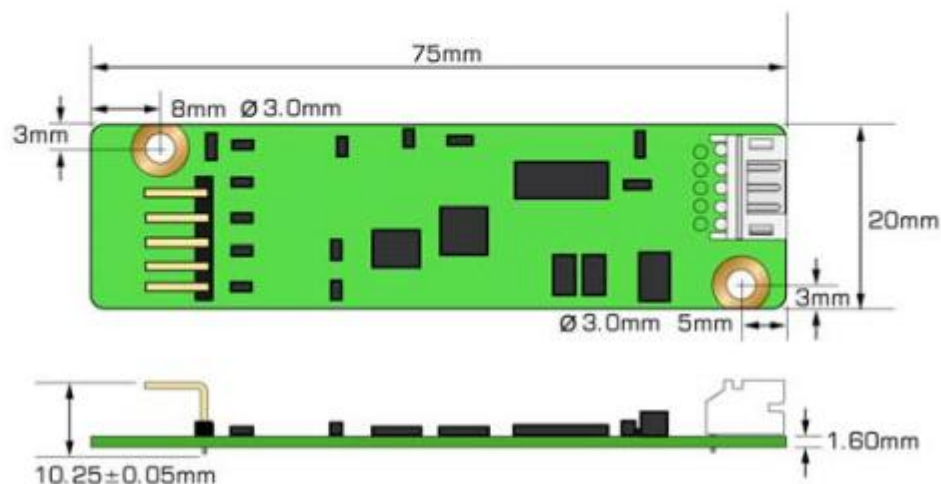
If consider applying to the control of transporting apparatus (train, automobile, boat) or as correlated security, please tell to seller in advance. The quality of this product is used in general products mainly ( Computer, OA machine, FA machine, communication apparatus, measurement apparatus, AV machine, etc. )

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**ONETOUCH** launched touch control board to meet latest Restriction of Hazardous Substances (RoHS) Directive. This touch panel controller provides the optimistic performance of your analog resistive touch panels for 5-wire models. It communicates with PC system directly through RS232 connector. You can see how superior the design is in sensitivity 、 accuracy and friendly operation. The touch panel driver emulates mouse left and right button function and supports operation systems as following.

OS	Version	Interfaces
Windows	Windows Vista, XP/2000, 9x/ME Windows CE 2.12/3.0/.net/5.0/6.0 Windows Embedded Windows XP Tablet PC edition Windows 7	RS232/USB/PS2
Windows	Windows NT4	RS232/PS2
Linux	Mandrake (Mandrake 9.1/9.2/10, Mandriva 2005, Mandriva 2006), Red Hat (5.3/7.3/8.0/9.0) Fedora (Core I/II/III/IV/V/VI), Yellow Dog (3.X) , SuSE (9.2/9.3/10/10.1), Ubuntu (5.1/6.06/9.10), Debian (3.1, Kernel 2.4.x/2.6.x)	RS232/USB/ PS2 (up to Kernel 2.6.x)
DOS	DOS	RS232/PS2
Mac	Mac OS, Mac OS X (IBM, intel CPU)	USB
QNX	QNX RTOS v6.3	RS232

## Controller:



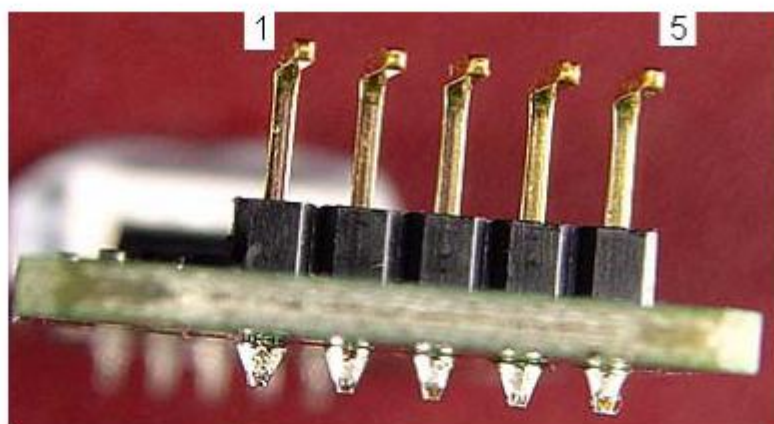
## Specifications:

<b>RS-232 Type Controller</b>	
Circuit Board Dimension	20mm x 75mm (0.79inches x 2.95inches)----(5-Wire)
Power Requirements	D.C.+5V (100mA typical,50m V peak to peak maximum ripple and noise)
Operating Temperature	0 to 50 °C
Storage Temperature	-40 to 80 °C
Relative Humidity	95% at 60 °C
Interface	Bi-directional RS-232 serial communication
Protocol	No parity,8 data bits,1 stop bit,9600 baud(N,8,1,9600)
Resolution	2048 2048 resolution
Report rate	RS232 Model:Max 160 points/sec
Response time	Max. 35 ms
Regulatory Approvals	FCC-B , CE, Unaffected by EMI from other nearby CRTs and other display devices
EMI	Unaffected by environmental EMI
Panel resistance	5 wire resistive model: 50 ~ 200 ohm
MTBF	200,000 hrs

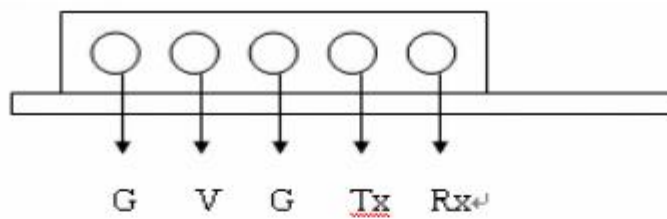
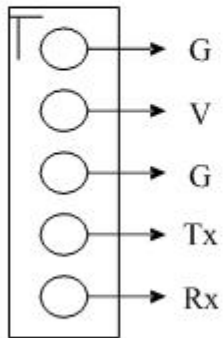
*Controller Panel Pin Assignment:*

LR
LL
COM
UR
UL

LR	LL	COM	UR	UL
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## Controller Wafer Pin Assignment



## Flat Cable Pin Assignment

