

# ETP-MB-MER4050UEBG



禾瑞亞科技股份有限公司  
eGalax\_eMPIA Technology Inc.

## 5-Wire USB Touch Panel Controller

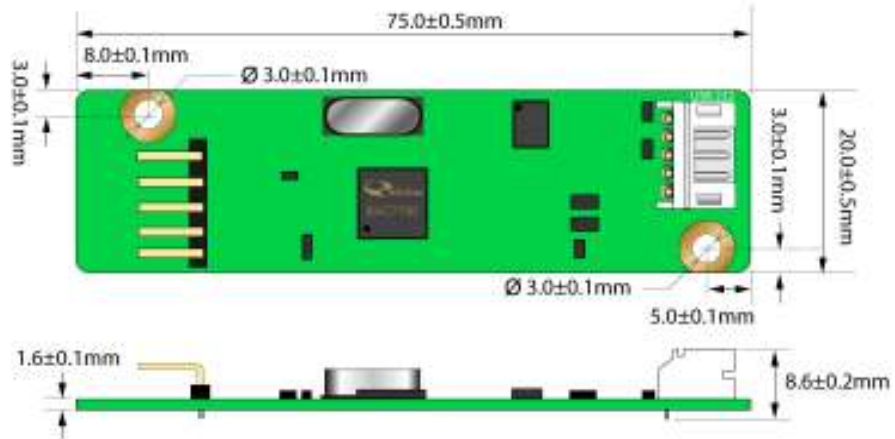
*EETI touch control board provides an optimised performance for 5wire analog resistive touch panels. It is sensitive, accurate and come with a user-friendly touch panel driver that emulates mouse left and right button function.*

*The controller has met latest Restriction of Hazardous Substances (RoHS) Directive, it communicates with host system through USB or RS232 interface, supporting operation systems are as followed list.*

<b>OS</b>	<b>Version</b>	<b>Interfaces</b>
<b>Windows</b>	Windows 7 Windows Vista, XP/2000, 9x/ME Windows CE 2.12/3.0/.net(4.0/5.0)/6.0/7.0 Windows Embedded Windows XP Tablet PC edition	RS232 USB PS2
<b>Windows</b>	Windows NT4	RS232 PS2
<b>Linux</b>	<i>The new Linux driver supports most of the Linux distribution on 32/64 bit versions, including Kernel 2.4.x/2.6.x/3.X with XFree86 4.X / Xorg 6.7 to 7.7 ( Up to X server 1.11.x)</i>  CentOS, Debian, Fedora, Gentoo, Mandrake (Mandriva), Red Hat, Slackware, SuSE (OpenSuSE), Ubuntu (Xubuntu), Yellow Dog, and Meego etc.	RS232 USB PS2
<b>Android</b>	1.6 Donut to 4.0.x Ice Cream Sandwich (Support X86 and ARM platform)	RS232 USB I2C
<b>DOS</b>	DOS 6.22	RS232 PS2
<b>Mac</b>	Mac OS 9,X Mac OS X	USB
<b>QNX</b>	QNX Neutrino RTOS v6.3	RS232

# ETP-MB-MER4050UEBG

## Controller:



## Specifications:

### 5wire Type Controller

Circuit Board Dimension	20mm x 75mm (0.79inches x 2.95inches)
Power Requirements	D.C.+5V (100mA typical,50mV peak to peak maximum ripple and noise)
Operating Temperature	-25 to 85 °C
Storage Temperature	-25 to 85 °C
Relative Humidity	95% at 60 °C , RH Non-condensing
Interface	USB: 1.1 Full Speed
Resolution	2048×2048
Report rate	USB: Max. 200 points/sec
Response time	Max. 20 ms
Attached Cable	USB: 180cm shielded cable with USB-A connector
Regulatory Approvals	FCC-B , CE
EMI	Unaffected by environmental EMI
Panel resistance	5 wire resistive model: 50 ~ 200 ohm (Pin to pin on same layer, Touch Resistance under 3k ohm)
Green Product	RoHS Compliant
MTBF	200,000 hrs

### ETP-MB-MER4050UEBG Full Package includes:

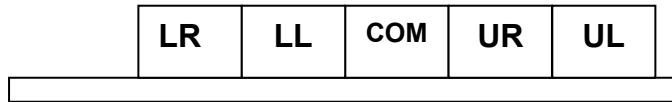
- (1) ETP-MB-MER4050UEBG ( 5 wire control board)
- (2) ETP-CB-SXU00 (USB cable)
- (3) ETP-CB-5XN00 (5 pin Flat cable)

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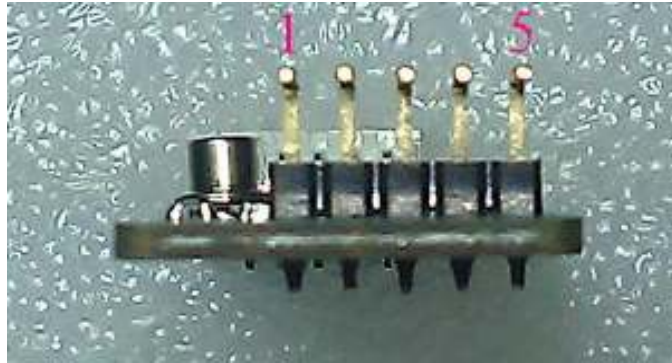
## For 5-Wire Resistive Touch Panel

### *Controller Panel Pin Assignment:*

ELO TYPE Pin-Out



ELO PIN-OUT



### *Controller Wafer Pin Assignment:*

