

The PenMount 6202B Resistive Touch Screen Control Board

In the beginning of this year, PenMount team wishes you a happy new year!

As the PenMount Touch Solutions is going to march toward the 19th year, the PenMount team is expecting the functions of our product can get better and promoted constantly, we pursue and provide the products that meet the demands of the clients and the market. The PenMount Touch Solutions product lines includes touch screen control IC and control boards, with varieties of device drivers and utilities, which allows our clients to be able to develop their own products with outstanding features.

In this bulletin we are going to introduce you the PenMount 6202B combo interface control board. It is developed based on the PenMount 6000 control IC, and supports both RS-232 and USB interfaces. Like other PM6000 series control boards: PM6300, PM6500, PM6200, the PenMount 6202B supports most resistive touch screens. The major difference is that the PM6202B control board is specially designed for 4 and 5 wires touch screens, and it also reserves spaces for 4 wires and 5 wires connectors. Clients can choose between Wafer connector and ZIF connector, which can be connected directly to touch screens, and therefore no extra cable is needed. This means that they should choose both the types of touch screens and the connectors. On the other hand, when using the PM6200, PM6300 or PM6500 control boards, the connectors is always the same, no matter which type of 4-, 5- or 8 wires resistive touch screen is used.

The PM6202B control board reserves space for 2.54 mm pitch Wafer connectors. The pins' order is designed to fit most touch screen manufacturers' 4 and 5 wires touch screens. Besides this, the PM6202B control board also reserve space for ZIF connectors with 1.0 pitch. For the convenience of connecting tails of touch screens, the upper and lower sides of connection point are conducted, and the pins' order also follows the standard of 4 and 5 wire resistive touch screens.

The major specifications of the PM6202B control board hardware is listed below :

- Support RS- 232 and USB interface.
- Support 4 and 5 wires touch screens. Clients can choose 4 or 5 pin connectors with 2.54mm pitch berg or AMP compatible ones, or they can choose 4 pin ZIF connectors with 1.0mm pitch.
- ESD: air discharge is up to 15KV, and contact discharge is up to 8KV.
- Support most 4 or 5 wires resistive touch screens of the market. The lead to lead ESD of touch screen is set between 30~1.3K Ohm.
- Provide complete device drivers, utilities and gesture program.

For service our clients we provide the standard items: PM6202B-CZ4, PM6202B-CW4 & PM6202B-CW5. We have the 3 items on the stock any time; you may place your order whenever you want. Regarding PM6202B details and complete specifications, please download from <http://www.penmount.com>.

The figures below are our standard items of PM6202B control boards:



PenMount series of touch software and hardware are designed to meet market demands. If customized specifications are needed, we are always ready and available to help customer to complete their project. For more PenMount controllers and drivers information, please visit our websites, www.amtouch.com.tw or www.penmount.com. If you have any suggestions or comments please feel free to email us at penmount_service@amtouch.com.tw or amt1@amtouch.com.tw.

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