PenMount Family

PenMount touch screen control board has complete solution for customers; user can choose control board or IC type.

RS-232 interface control board : PenMount 90A4, 9026B, 9036 and 9084
USB control board : PenMount 51A5 and 5184
Controller : DMC9000 is for RS-232 interface
              DMC5100 and DMC5600 for USB interface

PenMount drivers are available for Windows XP, Windows2000, Windows NT, Windows 98, Windows Me, Windows 95, Windows CE and other Windows O.S., DOS, Linux and QNX .

PenMount USB control board features

- DMC5100 touch screen controller and DMC5600 USB interface controller
- Built-in 10-bit A/D converter
- High performance noise handling mechanism
- Diagnostic LED designed on board
- Supporting up to 15 multiple USB devices
- Drivers : Windows 98/Me, Windows XP/2000, Windows CE and Linux

PenMount USB controller has two types, one is for 4- and 8-wire touch screen and another is for 5-wire touch screens. Besides the standard PenMount USB interface features, here is the difference for the two boards

PenMount 5184 control board
- Size : 40 x 80mm
- For 4- and 8-wire touch screens
- Touch screen and USB connector on board
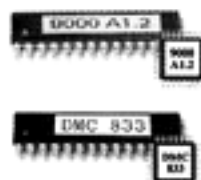- ESD circuit (optional)

PenMount 51A5 control board
- Size : 25 x 60mm
- For 5-wire touch screens
- Touch screen and USB connector on board

If you prefer to layout the PenMount touch controller on your system, here is the solution. The circuit diagram and development guide is available, please contact to us.
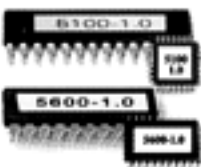
PenMount RS-232 controller chipset

DMC9000
Package : 28-pin DIP or 32-pin TQFP
Drivers : PenMount drivers

DMC833
Package : 28-pin DIP or 32-pin TQFP
Drivers: No drivers supported

PenMount USB controller chipset

DMC5100 & DMC5600:
DMC5100 package has 28-pin DIP or 32-pin TQFP type
DMC5600 package has 20-pin DIP or SOIC type
Drivers: PenMount drivers