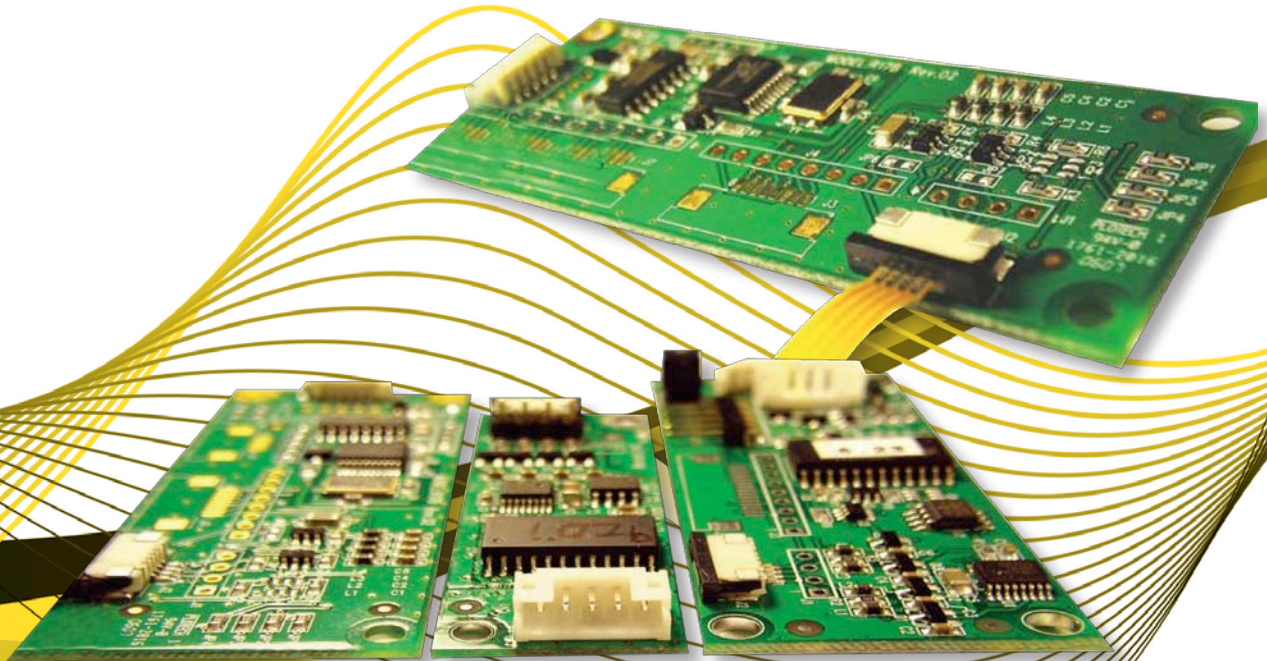# TouchSet™ Controllers

Features

- USB/RS232 and PS2 interfaces support
- PnP or non-PnP support made for RS232 Interface
- Small form factor
- Industry highest 4096x4996 resolution support
- Right click supported and selection
- Double click function definition
- Multi-point clicking support
- Multi-monitor supported in Windows operation system
- 3, 4, 9 and 25 points of calibration and save parameters on board EEPROM
- Support wake-up function in all Windows system versions
- Support drawing test utility
- Multi-language support up to 9 nations
- Windows all O.S. and Linux customized design
- Rotation auto-detect support for Intel VGA
- WHQL Approval
- RoHS - Lead Free Compliant
- CE, FCC and UL Certified

PanJit TouchSet™ Controllers, with outstanding hardware and software integration, are the most advanced cost-effective touch screen controllers available in the market. A user friendly interface and a robust calibration algorithm are just two of the main advantages of our TouchSet™ controllers.

Let us help you in your design needs with our family of TouchSet™ controllers, that includes our Cobra All-In-One combo controller board (RS232/USB) for all wire types with special pin assign designs options.

	Viper™	Coral™	Copperhead™	Cobra™
PanJit Part Number	CB-DNBF	CB-U4E (F&H)	CB-U5F (F&H)	CB-DSA (F&H)
Physical Dimensions	75x30x10.4mm	60x20x6.5mm	60x20x10.4mm	75x30x10.4mm
Protocol	USB 1.1 HID mouse HID digitizer RS232 PnP/NPnP	USB 1.1 HID mouse HID digitizer	USB 1.1 HID mouse HID digitizer	USB 1.1 HID mouse HID digitizer RS232 PnP/NPnP
Sensor Support	4-Wire 5-Wire	4-Wire	5-Wire	4-Wire 5-Wire 8-Wire
Sensor Connection	F 4-Pin ZIF 5-Pin AMP	F 4-Pin ZIF H 4-Pin AMP	5-Pin AMP	F 4-Pin. 8-Pin ZIF 5 Pin AMP H 4, 5 & 8 Pin AMP
ESD (Air/Contact)	20KV/8KV	20KV/8KV	20KV/8KV	20KV/8KV
Relative Humidity	0~85% at 60C	0~85% at 60C	0~85% at 60C	0~95% at 60C
Storage Temperature	-40~85C	-40~85C	-40~85C	-40~85C
Operating Temperature	0-70C	-40~85C	-40~85C	-40~85C
Power Requirement	DC5V	DC5V	DC5V	DC5V
Stand by current	4-Wire: 5mA	5mA	5mA	3.5mA
Operating Current	4-Wire: 20mA 5-Wire: 20mA	20mA	20mA	4-Wire: 16mA 5-Wire: 16mA 8-Wire: 11mA
OS Support	Windows Vista, XP, XP Embedded, 2000, 98/ME CE.net4.2 (x86/ARM) WinCE6.0 ARM V4/USB Linix Fedora Core I/II, Mandrake 10.0/10.1 RedHat 9.0, SUSE 10.1	Windows Vista, XP, XP Embedded, 2000, 98/ME CE.net4.2 (x86/ARM) WinCE6.0 ARM V4/USB Linix Fedora Core I/II, Mandrake 10.0/10.1 RedHat 9.0, SUSE 10.1	Windows Vista, XP, XP Embedded, 2000, 98/ME CE.net4.2 (x86/ARM) WinCE6.0 ARM V4/USB Linix Fedora Core I/II, Mandrake 10.0/10.1 RedHat 9.0, SUSE 10.1	Windows Vista, XP, XP Embedded, 2000, 98/ME CE.net4.2 (x86/ARM) WinCE6.0 ARM V4/USB Linix Fedora Core I/II, Mandrake 10.0/10.1 RedHat 9.0, SUSE 10.1
Warranty	1 Year	1 Year	1 Year	1 Year