

# TouchSet<sup>TM</sup> Controllers



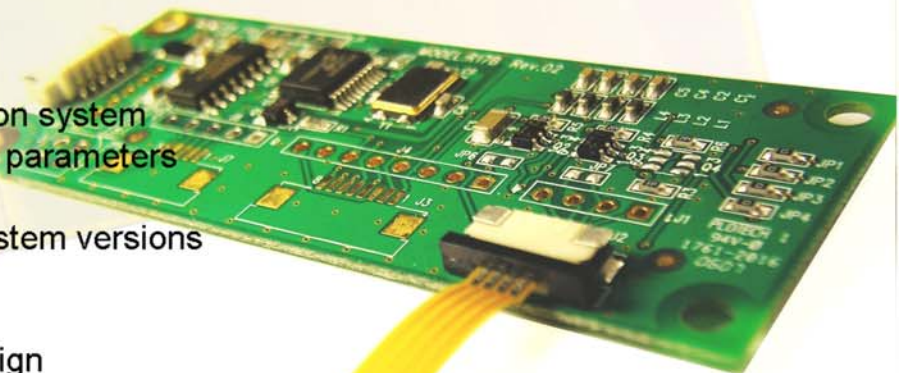
PANJIT TouchSet<sup>TM</sup> Controllers, with outstanding hardware and software integration, are the most advanced cost-effective touch screen controllers available in the market. A user friendly interface and a robust calibration algorithm are just two of the main advantages of our TouchSet<sup>TM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

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

## Features:

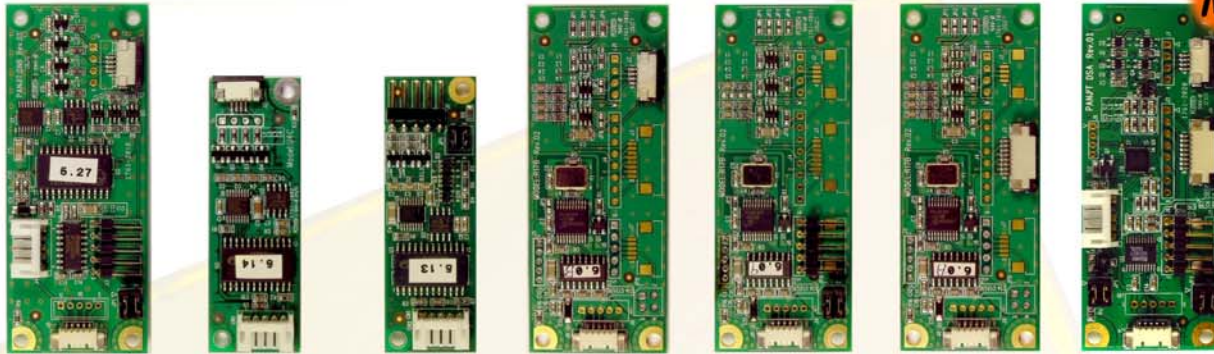
- USB/RS232 and PS2 interfaces support
- PnP or non-PnP support mode for RS232 Interface
- Small form factor
- Industry highest 4096x4096 resolution support
- Right click supported and selection
- Double click function definition
- Multi-point clicking support
- Multi-monitor supported in Windows operation 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

**Windows Vista Compatible**



**NEW!!**

# General Specifications



PanJit Part Number	CB-DNBH(F)	CB-U4CH(F)	CB-U5DH	CB-R4BH(F)	CB-R5BH	CB-R8BH(F)	CB-DSAF
Physical Dimensions	75x30x10.4mm	60x20x6.5mm	60x20x10.4mm	75x30x10.4mm	75x30x10.4mm	75x30x10.4mm	75x30x10.4mm
Physical Layout	See top	See top	See top	See top	See top	See top	See top
Protocols	USB1.1 HID mouse HID digitizer RS232 PnP/NnP	USB 1.1 HID mouse HID digitizer	USB 1.1 HID mouse HID digitizer	RS232 PnP/NnP	RS232 PnP/NnP	RS232 PnP/NnP	USB1.1 HID mouse HID digitizer RS232 PnP/NnP
Sensor support	4-wire/5-wire	4-wire	5-wire	4-wire	5-wire	8-wire	4-wire/5-wire/8-wire
Sensor connection	4-pin ZIF or AMP 5-pin AMP	4-pin ZIF or AMP	5-pin AMP	4-pin ZIF or AMP	5-pin AMP	8-wire ZIF or AMP	4-wire and 8-wire ZIF; 5-pin AMP
ESD Level (Air/Contact)	20kV/8kV	20kV/8kV	20kV/8kV	20kV/8kV	20kV/8kV	20kV/8kV	20kV/8kV
Relative humidity	0-90%	0-90%	0-90%	0-90%	0-90%	0-90%	0-90%
Storage temperature	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C
Operating temperature	0°C to +70°C	0°C to +70°C	0°C to +70°C	0°C to +70°C	0°C to +70°C	0°C to +70°C	0°C to +70°C
Power requirement	+5Vdc	+5Vdc	+5Vdc	+5Vdc	+5Vdc	+5Vdc	+5Vdc
Standby current	4-wire: 17mA 5-wire: 17mA	15mA	12mA	11mA	11mA	11mA	4-wire: 17mA 5-wire: 17mA 8-wire: 11mA
Operating current	4-wire: 20mA 5-wire: 40mA	25mA	40mA	20mA	35mA	20mA	20/40/40mA
Regulatory	FCC/CE (Jan-2007)	FCC/CE (Jan-2007)	FCC/CE (Jan-2007)	FCC/CE (Jan-2007)	FCC/CE (Jan-2007)	FCC/CE (Jan-2007)	FCC/CE (Jan-2007)
OS support	Windows® Vista/XP/2000/98/ ME/CE/Linux	Windows® Vista/XP/2000/98/ ME/CE/Linux	Windows® Vista/XP/2000/98/ ME/CE/Linux	Windows® Vista/XP/2000/98/ ME/CE/Linux	Windows® Vista/XP/2000/98/ ME/CE/Linux	Windows® Vista/XP/2000/98/ ME/CE/Linux	Windows® Vista/XP/2000/98/ ME/CE/Linux
Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year
ROHS Compliance							

Note: Cabling included with all controllers.