



Touch Screen Controller

THC 4-Wire / 5-Wire / 8-Wire Series (Hampshire Touch Controller)



Overview:

The THC-560 series provides the optimistic performance for most 4-wire, 5-wire, and 8 wire analog resistive touch panels. It communicates with PC system directly through USB port. The touchscreen device driver is able to emulate mouse left and right button for various operation systems.

Hardware Specifications:

Item	Specification
1	Circuit Board Dimension 75.00mm x 35.00mm
2	Touch Controller Hampshire controller HSA01 series
3	Power Requirement DC + 5V +/- 5%
4	Power Consumption < 2 mA@ 4V, 4MHz
5	Brown Out Voltage 2.7V
6	Operation Temperature -40°C ~ 85°C
7	Storage Temperature -65°C ~ 120°C
8	Interface USB mode: USB 2.0 compliant (1.5Mbs/sec)
9	Resolution True 10-bit (1,024 x 1,024) ratio metric analog to digital converter (1,048,576 points in the field)
10	Position Detection Speed > 120 pts/sec (unfiltered points)
11	Pin out Definition TOP, LEFT, BOTTOM, RIGHT
12	Green Product RoHS

Software Support:

Drivers are available for Windows™ 9X, 2K, ME, XP, NT™, DOS™, Linux™, MAC and other operating systems and their variations.

Ordering Information:

- THC-5640 (Hampshire Touch Controller, 4-wire, USB Interface)
- THC-5641 (Hampshire Touch Controller, 4-wire, RS-232 Interface)
- THC-5650 (Hampshire Touch Controller, 5-wire, USB Interface)
- THC-5651 (Hampshire Touch Controller, 5-wire, RS-232 Interface)
- THC-5680 (Hampshire Touch Controller, 8-wire, USB Interface)
- THC-5681 (Hampshire Touch Controller, 8-wire, RS-232 Interface)

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