Touch Screen Controller

TMC-5770

Overview:

The TMC-5770 touchscreen controller provides the optimistic performance for 5-wire analog capacitive touch panels. It communicates with PC system directly through USB (work with TU-Cable-2410180) port or RS-232 (work with TD-Cable-2910180) 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	62.00mm x 33.00mm
2	Power Requirement	DC + 5V (Maximum 75mA, 50mV peak to peak maximum ripple and noise)
3	Operation Temperature	0°C ~ 70°C
4	Storage Temperature	-40°C ~ 80°C
5	Relative Humidity	95% at 60°C
6	Interface	USB mode: USB 2.0 compliant RS-232 mode: Bi-direction RS-232 serial communication
7	Resolution	2048 x 2048 pixel
8	Report Rate	USB mode: Max. 250 points/sec RS-232 mode: Max. 166 points/sec
9	Response Time	Max. 20 ms
10	Pin Out Definition	LT, RT, SD, RL, LL
11	Regulatory Approval	FCC-B, CE
12	Green Product	RoHS

Software Support:

The touchscreen device driver supports operation systems, including MS-DOS, Windows 95, Windows 98, Windows ME, Windows NT 4.0, Windows 2000, Windows XP, Windows CE 2.12/3.0/ net/5.0, Linux Series (Up to kernal 2.6), MAC/OS, etc.

Ordering Information:

- TMC-5770 (5-wire, Capacitive Controller, USB or RS-232 Interface)