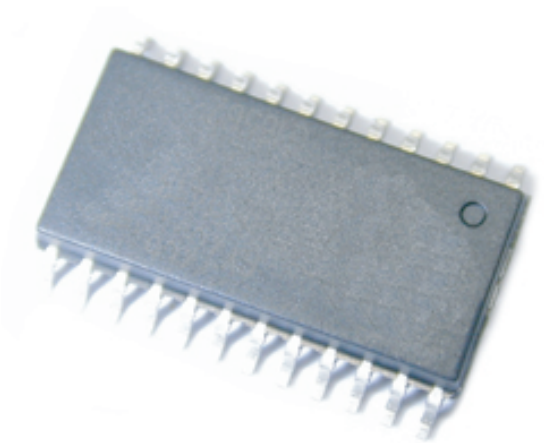
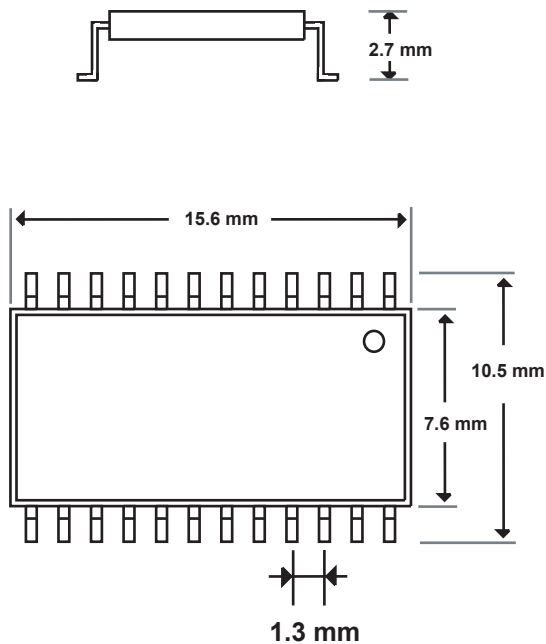


TouchKit

USB Touch Panel Controller Chip



Dimensions



Hardware Specifications

Power Voltage	4.9 to 5.1 VDC, 50 mVpp maximum ripple
Operating Frequency	6 MHz
Operating Temperature	0 °C to 70 °C
Storage Temperature	-65 °C to 150 °C
Current Consumption	6 mA (VCC= 5V, TPY)
Protocol	USB 1.1 Low Speed
Resolution	2048 X 2048 (external ADC)
Report Rate	Max. 160 points/sec
Response Time	Max. 35 ms
Package	24-Lead (300 mil) Molded SOIC
Package Dimension	15.6 mm x 10.5 mm x 2.7 mm

Software Features

Calibration	Fast full oriental 4 points position
Compensation	1. Accuracy 25 points linearity compensation 2. Edge compensation
Draw Test	Position and linearity verification
Controller Setting	1. Support multiple controllers 2. Dynamical add/ remove controllers 3. Change controller interface without reboot
Languages	Support 10 languages for Windows
Mouse Emulator	1. Right/ left button emulation 2. Click/ drawing mode
Sound Notification	1. No sound 2. Touch down 3. Touch up
Double Click	1. Configurable double click speed 2. Configurable double click area
OS Support	1. Windows 95/ 98/ ME/ NT4/ 2000/ XP/ XP Tablet PC edition 2. Windows CE 2.12/ 3.0/ .net/ 5.0 3. Linux (up to Kernel 2.6) 4. MS-DOS: support display resolution: 320x200, 640x200, 640x350, 640x480, 800x600, 1024x768 and 1280x1024 5. iMac 9.0/ OS X
Display Support	1. Support monitor/ display rotation 2. Support multiple monitors 3. Support split monitor

* 8 wire controller boards apply 2 chips solution