

SPK ELECTRONICS CO., LTD.

## Universal Resistive Touch Controller



**RöHS**  
COMPLIANT  
Since November 2004

Universal resistive touch controller supports various resistive touch technologies and provides many features that meet different critical application requirements. The same controller unit can work with both 4-wire and 5-wire resistive touch screens, as well as USB and Serial interface. It may increase positional accuracy and adjust the sensitivity level of the touch screen when optimal performance is required.


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FEATURES	SPECIFICATIONS	
<ul style="list-style-type: none"> <li>■ Auto-Sense Serial or USB</li> </ul>	<b>Electrical</b>	
<ul style="list-style-type: none"> <li>Touch Interface</li> </ul>	Supply Voltage	DC5V (+4.75 to +5.25 VDC)
<ul style="list-style-type: none"> <li>■ Support Both 4-Wire and 5-Wire</li> </ul>	Power Consumption	40mA (typical)
<ul style="list-style-type: none"> <li>Touch Technology</li> </ul>	Resolution	4096 x 4096
<ul style="list-style-type: none"> <li>■ PIN Assignment Configurable</li> </ul>	ESD	Contact discharge 8KV, Air discharge 15KV
<ul style="list-style-type: none"> <li>■ High Sampling Speed and Response Rate: Suitable for writing and signature capture</li> </ul>	<b>Interface</b>	
	USB, RS232 (PS2 available upon request)	
<ul style="list-style-type: none"> <li>■ On-Board Power Connector Option</li> </ul>	<b>Environmental</b>	
	Operating Temperature	0°C to +65°C
	Storage Temperature	-25°C to +85°C
<ul style="list-style-type: none"> <li>■ Provide Advanced Features: Such as rotation, right click, double click, multi-controller, multi-display, etc.</li> </ul>	Humidity	10% to 90% RH
<ul style="list-style-type: none"> <li>■ Support USB Plug-and-Play and System Wake-Up (per Microsoft and USB standards)</li> </ul>	<b>Mechanical Dimensions</b>	
	23mm x 77mm x 8mm	
<ul style="list-style-type: none"> <li>■ Chipset solution available</li> </ul>	<b>Operating Mode</b>	
	Desktop, Drawing, Button	
<ul style="list-style-type: none"> <li>■ Microsoft Windows XP, 2000 WHQL certified</li> </ul>	<b>MTBF</b>	
	Greater than 300,000 hours	
<ul style="list-style-type: none"> <li>■ RoHS Compliant</li> </ul>	<b>Operating System</b>	
	Windows 98/2000/ME/XP/NT/CE, DOS, Linux	
<ul style="list-style-type: none"> <li>■ One Year Warranty</li> </ul>		

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