

Learn more about other Gunze USA touch panel solutions

Along with touch controller boards and chips, Gunze USA provides film-glass, tough, and LCD integrated touch panels. Configurations in 4-wire, 5-wire and 8-wire are available in custom designs, as well as in a range of cost-effective standard models. To learn more about Gunze USA touch panel solutions, call 512-990-3400 or visit www.gunzeusa.com

About Gunze USA

Gunze is one of the world leaders in resistive touch panel manufacturing. Gunze USA is a division of Gunze Limited, Japan, a multibillion-dollar company and the largest manufacturer of resistive touch panels in the world, employing over 8,000 people who work together to achieve international leadership through innovation.

Gunze USA works with OEMs and system integrators to design both standard and custom touch panel solutions. In addition, the company manufactures a wide variety of standard panels and total interface solutions for consumer electronics, industrial, automotive, medical, mobile, and POS/retail kiosk applications.

Electrical Specifications:

Touch Screens:	Detects analog resistive 4 and 8-wire
Resolution:	10-bit (electrical)
Driver Support:	Windows™ XP, Vista & WIN 7
Input Current (typ)	
4 and 8 wire, RS-232:	NoTouch/Touch: 30/40 mA Peak
4 and 8 wire USB:	NoTouch/Touch: 25/35 mA Peak
Buzzer Support:	On Board (optional)
Communications:	RS-232 or USB communication
PWB Size:	2.11" x .96". Overall dimension will vary based on connector options
Connector Types	
Touch Screen Side:	4 or 8-position, .100" rt. angle Amp: 103635-X 8 position flat flex LIF-1mm and 1.25mm 4 position flat flex LIF-1mm Custom connectors available per request.
Com Side:	8-pos, .100" rt. angle, friction lock Amp: 640457-8
Clock Frequency:	20 MHz
Sample Rate:	RS-232 87 pts/sec, USB 100pts/sec.
Baud Rate:	9600 default, other speeds user configurable
Data Output:	See chip spec, section 9-RS-232, section 10-USB
Power:	5.0 Vdc +/- 0.25 or from USB port
Environmental:	Storage: -40 °C – 85 °C, Operating: 0 °C – 70 °C
Static Protection:	±15 kV



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