

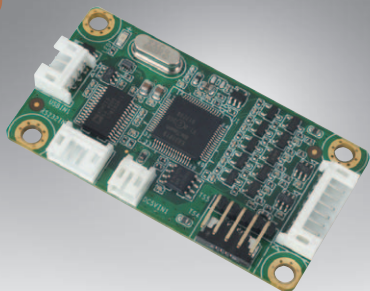
ETM-RES02C

Resistive Touch Control Board

ETM-SAW01C

Surface Acoustic Wave Touch Control Board

NEW



RoHS COMPLIANT
CE FCC

Features

- Resistive touch technology, supports 4/5-wire touchscreen
- USB & RS-232 interface
- Quick conversion time approximately 10 ms
- High resolution support to 4096 x 4096
- TouchWare, touch software package

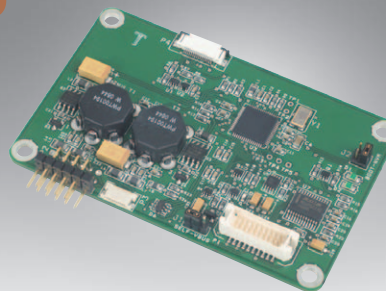
Specifications

Touch Technology	Resistive type
Host Site Interface	USB: Conforms to USB 1.1 RS-232 serial: 8 data bits, 1 stop bit, no parity, and full duplex.
Communication Baud Rate	9,600 (default) and 19,200
Host Site Connector	USB Port: 2.0 mm, 4-pin, male header RS-232 Port: 2.0 mm, 4-pin, male header Power Port: 2.0 mm, 2-pin, male header
Touchscreen Connector	4-wire: 1.0 mm, 4-pin, FPC type, double contact type 5-wire: 2.54 mm, 5-pin, male header 5-wire: 2.0 mm, 8-pin, male header
Supported Voltage and Current	+ 5.0 V, 500 mA
Touch Resolution	4096 x 4096, Size independent
Conversion Time	Approximately 10 ms per coordinate set
LED Status	Touch activated LED indicator
Temperature Ranges	Operating: -20 to +85° C Storage: -40 to +85° C
MTBF	> 4,000,000 hours
Vibration & Shock	Three axis sine wave, 5 ~ 500 Hz, 3.5 G, 2 minutes/ Octave with dwell on resonances
Dimensions (L x W x H)	62 x 33 x 10.26 mm

Ordering Information

Part No.	Product Description
ETM-RES02C-ADH3EE	Touch Control Board, Horizontal, 4/5-wire RES, -20 ~ +85° C

NEW



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CE FCC

Features

- Surface Acoustic Wave touch technology
- USB & RS-232 interface
- Quick conversion time approximately 10 ms
- High resolution support to 4096 x 4096
- TouchWare, touch software package

Specifications

Touch Technology	Surface Acoustic Wave type
Host Site Interface	USB: Conforms to USB 1.1 RS-232 serial: 8 data bits, 1 stop bit, no parity, and full duplex.
Communication Baud Rate	9,600 (default) and 19,200
Host Site Connector	MOLEX 53505-2090, 1.25 mm, 20-pin
Touchscreen Connector	Mounted male header, 1.0 mm, 2 x 6-pin LIF type, 10-pin
Supported Voltage and Current	+ 5.0 V, 500 mA
Touch Resolution	4096 x 4096, Size independent
Conversion Time	Approximately 10 ms per coordinate set
LED Status	Touch activated LED indicator
Temperature Ranges	Operating: 0 to +65° C Storage: -25 to +85° C
MTBF	> 1,543,000 hours
Vibration & Shock	Three axis sine wave, 50 ~ 2 KHz, 1G, 2 minutes/ Octave with dwell on resonances
Dimensions (L x W x H)	83.82 x 53.3 x 10.16 mm

Ordering Information

Part No.	Product Description
ETM-SAW01C-ELH0CE	Touch Control Board, Horizontal, SAW, 0 ~ +65° C