ETM-RES04C
Resistive Type Single-touch Module

ETM-RES05C
Resistive Type Single-touch Module

RoHS COMPLIANT 2002/95/EC CE FCC

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Features (ETM-RES04C)
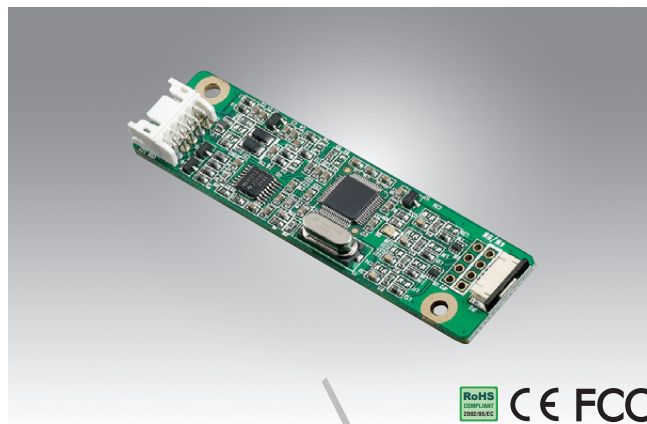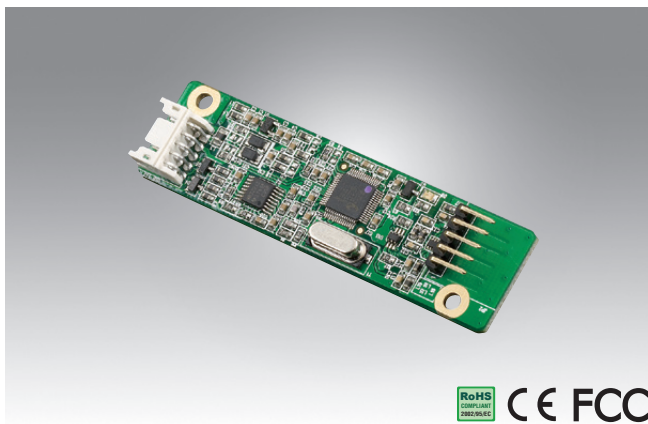
- Resistive touch technology, supports 5-wire touchscreen
- Supports USB & RS-232 Interface
- Resolution support to 2048 x 2048
- High Reliability and Fast Conversion Time

Features (ETM-RES05C)

- Resistive touch technology, supports 4-wire Touch Screen
- Supports USB and RS-232 Interface
- Resolution support to 2048 x 2048
- High Reliability and Fast Conversion Time

Specifications (ETM-RES04C)

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
Host site Connector	2.0 mm, 2x5-pin, male header for combo interface (USB and RS-232)
Communication Baud Rate	9,600 (default)
Touch Screen Connector	5-wire: 2.54 mm, 5-pin, male header
Support Voltage and Current	+ 5.0 V, 100 mA
Touch Resolution	2048 x 2048, Size independent
Conversion Time	Max. 20 ms per coordinate set
LED Status	Touch activate indication LED
OS Supported	Windows 2000/ XP/ 7, WinCE 5.0/6.0/7.0, Linux
Temperature Ranges	Operation: -25 to +85° C Storage: -25 to +85° C
Power Consumption (*)	Sleep mode (USB Suspend): < 2.5 mA Idle mode (un-touch): < 20 mA Working mode (touch): < 70 mA
Dimensions (L x W x H)	75 x 20 x 10 mm

(*) The power consumption may be different with the above if the resistance of sensor is different.

Specifications (ETM-RES05C)

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
Host site Connector	2.0 mm, 2x5-pin, male header for combo interface (USB and RS-232)
Communication Baud Rate	9,600 (default)
Touch Screen Connector	4-wire: 1.0 mm, 4-pin, FFC/FPC header 4-wire: 2.54 mm, 4-pin, male header
Support Voltage and Current	+ 5.0 V, 100 mA
Touch Resolution	2048 x 2048, Size independent
Conversion Time	Max. 20 ms per coordinate set
LED Status	Touch activate indication LED
OS Supported	Windows 2000/ XP/ Vista/ 7, WinCE 5.0/ 6.0/ 7.0, Linux,
Temperature Ranges	Operation: -25 to +8° C Storage: -25 to +85° C
Power Consumption (*)	Sleep mode (USB Suspend): < 2.5 mA Idle mode (un-touch): < 20 mA Working mode (touch): < 70 mA
Dimensions (L x W x H)	75 x 20 x 10 mm

(*) The power consumption may be different with the above if the resistance of sensor is different.

Ordering Information (ETM-RES04C)

Part No.	Product Description
ETM-RES04C-EEH4EE	Resistive type Touch Module, Single touch, 5-wire

Ordering Information (ETM-RES05C)

Part No.	Product Description
ETM-RES05C-EEH4EE	Resistive type Touch Module, Single touch, 4-wire

Suggested Cable (connect w/ platform) (ETM-RES04C)

Part No.	Specifications
1700020270-01	Cable 2x5P-2.0mm to D-SUB 9P(F)+USB-A(F)+ 1x2P-2.0mm
1700020324-01	Cable 2x5P-2.0mm to USB-A(M), 180cm

Suggested Cable (connect w/ platform) (ETM-RES05C)

Part No.	Specifications
1700020270-01	Cable 2x5P-2.0mm to D-SUB 9P(F)+USB-A(F)+ 1x2P-2.0mm
1700020324-01	Cable 2x5P-2.0mm to USB-A(M), 180cm

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All product specifications are subject to change without notice.   Last updated : 15-Jan-2014