

Product Change Notice

- **Product Change Information:**

Firmware of ETM-RES04C and ETM-RES05C/U series Resistive Touch Board products will be upgraded to V1.015.4 and V1.015. The new firmware version running change will be taken part from 1st Feb., 2017.

- **Affected Parts**

The 4-wire or 5-wire Resistive Touch Board of ETM-RES04C-EEH4EE, ETM-RES05C-EEH4EE and ETM-RES05U-EEH4EE products.

- **Description of Change:**

Firmware Update to V1.015 or V1.015.4

1. Support click on touch or release when inbox driver (HID) run.
2. Add watchdog function.
3. To improve read and write data to controller when calibration is completed.
4. To improve the power consumption over than 20mA.
5. Sometimes controller occur USB PNP when user touch screen.
6. If tip touch panel fast and light, sometimes the up of coordinates point is not reported to the system with some special touch panel (spacer larger).
7. To improve sometime occurs random drawing when touch special touch panel.
8. To enhance the stability of USB communication.
9. To improve touch performance with power noise.
10. Change some variables declared type.
11. The controller wake up system regardless of system setting when first time enter S3 mode after system power on.

Initiated by	Tones.Yen	Job Title	Emb'Core PM	Release Date	2017-1-5
Reviewed by		Job Title		Revision	#1.0
Approved by	Tones.Yen	Job Title	Emb'Core PM	Release Status	Formal Release

- Attached-1: ETM Part Number List

Product – FW Upgrade				
Type	Part Number	Touchscreen Wire	Old FW version	New FW version
Resistive	ETM-RES04C-EEH4EE	5-wire	V1.009.4	V1.015.4
Resistive	ETM-RES05C-EEH4EE	4-wire	V1.009	V1.015
Resistive	ETM-RES05U-EEH4EE	4-wire		