Japonês → **Inglês ⌄**

Information   Firmware update for touch panel controller I

INFORMATION

Information

Firmware update for touch panel controller IC TSC-50/IC and controller board TSC 5x

2020.4.24

Dear business partners,

Dear Customers, We hope your company continues to thrive. We would like to ex‐press our sincere gratitude for your continued patronage of our products. We will be updating the firmware for the resistive touch panel controller IC TSC-50/IC and controller board TSC 5x as follows.

Sincerely,

Note

1. Target product

name: Touch panel controller IC

product number TSC 50 / IC

product name: Touch panel controller board

product number TSC 54/RU, TSC 54/UL, TSC 54/RU F, TSC 55/RU, TSC 55/UL

2. Firmware changes

<Controller IC>

1. Fixed an issue where LED2, which should only light up when an NAK response is received, would light up when an ACK response is received.

2. Fixed an issue where the device would not return from power-saving mode when a touch operation was performed exactly 20 times after sampling when the 0x01 command was used for the coordinate data send command.

3. Improved correction calculation processing during EEPROM calibration. 4. Fixed an issue

where, if the power was cut off during the process of building the data flash area at the first startup after writing firmware to the TSC 50/IC, incomplete data would re‐main, preventing the device from starting up properly the next time the power was turned on.

5. Fixed an issue where LED2 should light up when the sampling rate setting com‐mand is issued (when an NAK response is received) when the EEPROM data is empty.

<Controller Board>

1. Fixed an issue where the device would not return from power-saving mode when a touch operation was performed exactly 20 times after sampling when the 0x01 command was used for the coordinate data send command.

2. Improved correction calculation processing during EEPROM calibration.
(TSC 54/UL and TSC 55/UL are not included)
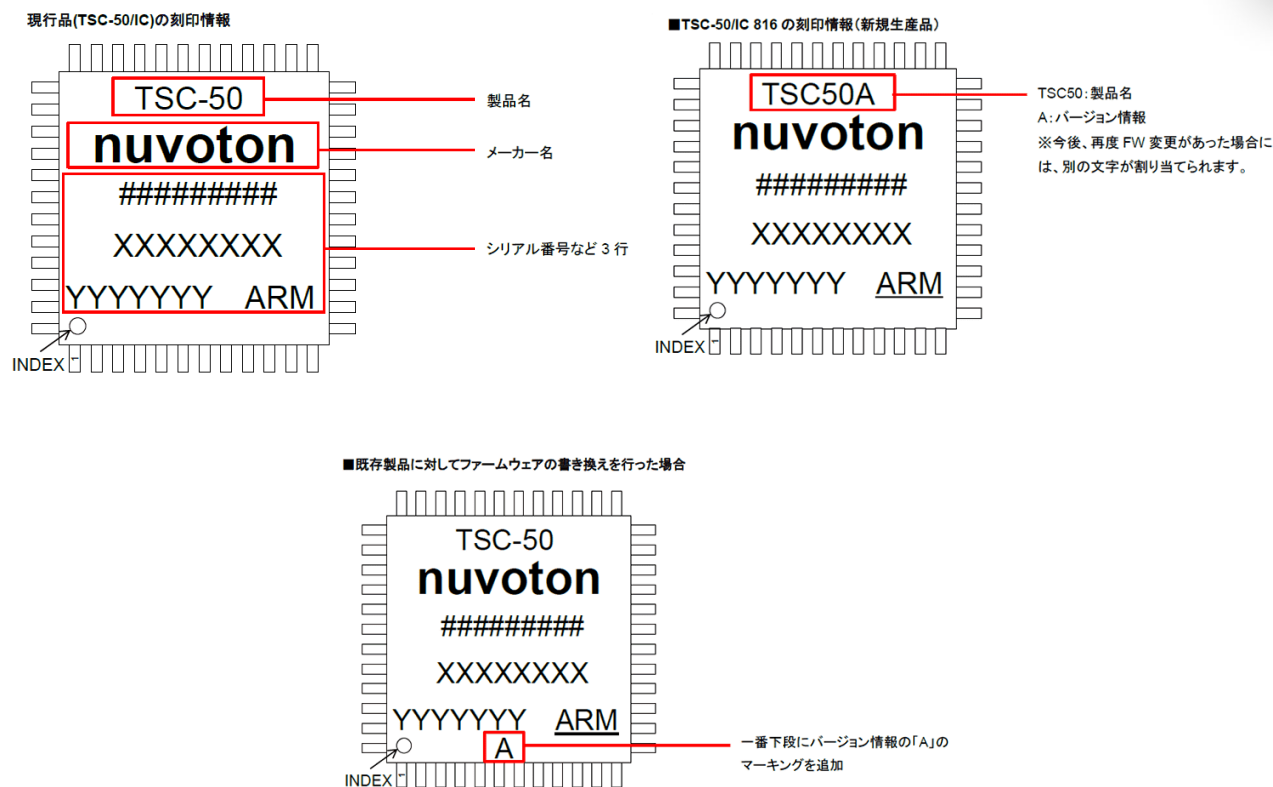
3. Product number after change

Product number TSC 50/IC (before change) → TSC 50/IC 816 (after change)

* The product number of the controller board will not change. The printing on the board label will change from Rev A to Rev B.

4. New marking information (controller IC)

MENU

現行品(TSC-50/IC)の刻印情報

TSC-50
nuvoton
#########
XXXXXXXX
YYYYYYY   ARM
INDEX

製品名
メーカー名
シリアル番号など 3 行

■TSC-50/IC 816 の刻印情報（新規生産品）

TSC50A
nuvoton
#########
XXXXXXXX
YYYYYYY   ARM
INDEX

TSC50：製品名
A：バージョン情報
※今後、再度 FW 変更があった場合に
は、別の文字が割り当てられます。

■既存製品に対してファームウェアの書き換えを行った場合

TSC-50
nuvoton
#########
XXXXXXXX
YYYYYYY   ARM
A
INDEX

一番下段にバージョン情報の「A」の
マーキングを追加

5. Schedule

<Controller IC>

① Sample shipment availability: Sample shipments are already possible.

② Final orders for the current specification (TSC 50/IC) End of February 2021

③ Final shipments of the current specification (TSC 50/IC) End of May 2021

<Controller board>

From May 2020 onwards, Rev B will be shipped as soon as the current Rev A stock runs out.

End

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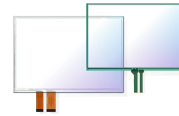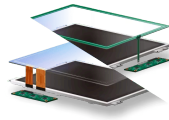**Product Information**

MENU

Product Information

Touchless

Touch panel

Touch Panel Controller ⌄

Touch Panel Module ⌄

Touch panel monitor ⌄

HMI/Embedded Computer ⌄

Teaching Pendant ⌄

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