

SMC100 firmware

SMC100 Firmware Version 3.x.x (CC and PP)

Version history :

SMC100 Firmware Version 3.1.2 :

- ✓ Modification to avoid some MOSFETs cross-conduction to increase their reliability.

SMC100 Firmware Version 3.1.1 :

- ✓ Modification to correct excessive heating of some products and to support new MOSFETs.

SMC100 Firmware Version 3.1.0 : (modified electronic board)

- ✓ To support upgraded electronics (PP only).

SMC100 Firmware Version 3.04 :

- ✓ Smart memory reading for DV command in the case of CC controllers only.
- ✓ DV command is available for CC controllers only.

SMC100 Firmware Version 3.03 :

- ✓ Correcting initialization sequence.
- ✓ Improved efficiency of motor drive.

SMC100 Firmware Version 3.02 :

- ✓ Correcting the problem of noise at the end of jog.

SMC100 Firmware Version 3.01 :

- ✓ Correcting the problem of RS485 communication.

SMC100 Firmware Version 3.00 :

- ✓ New version for **SMC-CC** and **SMC-PP** controllers.

SMC100 Firmware Version 2.0x (CC only)

Version history :

SMC100CC Firmware Version 2.05 :

- ✓ Correcting the error of axis state reporting during home search.

SMC100CC Firmware Version 2.04 :

- ✓ Correcting the problem of home search with the Home-on-Left-EOR stages.

SMC100CC Firmware Version 2.03 :

- ✓ Accelerating the SMC commands process.

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SMC100CC Firmware Version 2.02 :

- ✓ Bug of SE, ST, MM commands corrected.
- ✓ Target position is initialized to 0 at boot (command xTH?).

SMC100CC Firmware Version 2.01 :

- ✓ Bug of GPIO digital outputs corrected.
- ✓ Bug of manual jog (concerning No-End-Of-Run rotating stages) corrected.

SMC100CC Firmware Version 2.00 :

- ✓ SMC Remote Control management added.
- ✓ New TI Flash API Library for TMS320F2812 (V2.10 instead of V1.00)

SMC100CC Firmware Version 1.01d :

- ✓ Initial version