



NVS Technologies AG

Release Note

January 10th, 2014

Hardware Revision NV08C-CSM v.4.1

- NV08CD (release R6) BB ASIC with updated MaskROM Basic FW is used
- Silver-nickel shield is used for NV08C-CSM v.4.1 which does not hinder magnetic sensitive devices
- NV08C-CSM v.4.1 is in production and available from stock

Hardware Revision NV08C-CSM v.5.x

- NV08CD (release R6) BB ASIC with updated MaskROM Basic FW is used
- Wideband Beidou+GPS+GLONASS SAW filter is used instead of GPS/GLONASS diplexer for v.4.1
- TCXO 33.6MHz is implemented instead of TCXO 26MHz which was used in previous versions
- Silver-nickel shield is used for NV08C-CSM v.5.x which does not hinder magnetic sensitive devices
- NV08C-CSM v.5.0 Engineering samples are available from stock

Firmware Revision 0406

- FW 0406 is fully compatible in functionality, settings and protocols with the latest official FW release 0206 valid for NV08C-CSM v.3.x

NOTE: Updated MaskROM Basic FW allows to provide full support of Galileo and Beidou (signal tracking & navigation). Full Beidou support will be available for hardware revision NV08C-CSM v.5.x only and FW version B4.xx. Full Galileo support will be implemented in the following FW versions and will be available for both HW revisions v.4.x and v.5.x

Compatibility

Firmware v.0406 is compatible with hardware revisions 4.1 of the NV08C-CSM devices.

IMPORTANT NOTE: don't load FW 0406 into NV08C-CSM v.3.x. which leads to unrecoverable device malfunction.

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