

STIM300 standard configuration

Info Note 2013-10-21

Change of standard configuration:

Objective: To ensure that the STIM300 configuration is compatible with USB and PCI evaluation kits (EVKs).

Application: Applies to all new shipments of STIM300 with standard configuration. STIM300 with custom configurations are not affected.

Background: A new version of the STIM300 USB EVK is launched end of Oct. This solution supports some communication bit-rates up to 3Mbps, but not all.

What: The standard configuration will be changed as follows:
Standard bit rate will be 921,600bps
(current setting is 1,843,200bps)

Time schedule: Parts shipped from Oct 26 and onward will have new standard configuration

Consequences: The customer needs to set his EVK PC-software to the correct communication rate (as always), and may need information from the sales team that the standard communication rate setting was modified.

| | Sample rate | LP filter bandwidth | Gyro output unit | Acc output unit | Incl output unit | Gyro g-comp | | Datagram content | Bit-rate | Termination |
|---------|-------------|---------------------|------------------|-----------------|------------------|-------------|---|------------------|----------|-------------|
| CURRENT | 4 | 4 | 0 | 0 | 0 | 0 | - | 3 | 3 | 1 |
| NEW | 4 | 4 | 0 | 0 | 0 | 0 | - | 3 | 2 | 1 |