

Available CLI Commands

Time/RTC Commands

Command	Parameters	Description
getTime	none	shows current RTC date,time in format: 'yyyymmddHHMMSS' and Status: xEE .. clock error 0x11 .. synchronized 0x22 .. running 0x33 .. reset to default
setTime	[hours] [min] [seconds] [sync]	Sets the time portion of RTC. if par omitted default = 0, sync any value -> true
setDate	[year] [month] [day]	Sets the date portion of RTC.
getSeconds	none	Gets seconds ticked (timer with 12Mhz clock) since last reset
clkOut	[source] [divider]	Puts the internal clock on the CLKOUT (P1.27) pin source (default='CPU'): 'OFF','CPU','OSC','IRC','USB','RTC' divider 1..16 (default=10)

Memory Commands

Command	Parameters	Description
crcFlash	[start] [len]	Calculates FlashChecksum from start to start+len if between 0x000000 and 0x0007FFFF (hex input 0x... possible)
eeWriteName	[name] [hwrev]	Writes device name and hardware revision to EEPROM1 status page. default: " and '-.-'
eeStatus	none	Reads the devicename, hardware revision and some counters from EEPROM1 status page
readPage	mem pagenr	Reads one page of memory device 'mem'. 'EE1','EE2','EE3','FRA' (fram chip)
writePage	mem pagenr [fillbyte]	Fills and writes a page with fillbyte (default=0xAA)
fRead	flashNr adr len	Reads len bytes from adr in flash '1' or '2'.
fWrite	flashNr adr fillbyte len	Writes the fillbyte len times from adr in flash '1' or '2'
fErase	flashNr adr	Erases the Flash sector at adr in flash '1' or '2'
mRead	adr len	Reads len bytes at adr from MRAM chip.
mWrite	adr fillByte len	Writes the fillbyte len times at adr from MRAM chip.

Other Commands

Command	Parameters	Description
cliStat	none	Prints some status info of CLI module
simErr	tbd.	Provokes errors in checksums for radiation test checks. Do not use without reading current code !!!!