

Interfacing FlashRunner 2.0 with ELMOS_I2C devices

Algorithm Notes

Below the protocol supported:

- I2C

Commands List

Please refer to `HELP libelmos_i2c.so` command.

Memory types: F → FLASH

CONNECT

Connect command: Power-on and calibrate communication with the device.

MASSERASE

`MASSERASE E <startAddr> <size>`

Masserase command: erase all the content of EEPROM memory (or just the selected range).

BLANKCHECK

`BLANKCHECK E <startAddr> <size>`

Blankcheck command: check that all bytes of the memory (or just the selected range) are blank.

PROGRAM

`PROGRAM E <startAddr> <size>`

Program command: write data into EEPROM memory.

VERIFY

`VERIFY E R <startAddr> <size>`

Verify Readout command: verify memory content by reading every byte of the EEPROM.

READ

`READ E <startAddr> <size>`

Read command: read the memory and print the value into the terminal

DUMP

`DUMP E <startAddr> <size>`

Dump command: read the memory and store the data into a binary file.