

Interfacing FlashRunner 2.0 with EEPROM_UWIRE devices

Algorithm Notes

Below the protocol supported:

- SPI-uWire

Parameters List

MEMORY_ORGANIZATION

Only for those devices which allow to choose between 8-bit or 16-bit organization.

Commands List

Please refer to `HELP libeeprom_uwire.so` command.

Memory types: E → EEPROM

CONNECT

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

MASSERASE

`MASSERASE <e>`

This function erases all the memory content

BLANKCHECK

`BLANKCHECK <F>`

Blankcheck command: check that every byte is blank

PROGRAM

`PROGRAM E <startAddr> <size>`

Program command: write data into flash memory.

VERIFY

`VERIFY E R <startAddr> <size>`

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

READ

`READ F <startAddr> <size>`

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

DUMP

DUMP F <startAddr> <size>

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