

Interfacing FlashRunner 2.0 with DA1 devices

Algorithm Notes

Protocol supported:

- SWD

Mem Type Table

MEM_TYPE	FLAG	IDX
EXTERNAL FLASH	F	0

Commands List

Memory types:

F → Flash

MASSERASE

MASSERASE <F>

This function performs a Masserase for external flash.

SECTOR_ERASE

SECTOR_ERASE <F> <start_addr> <size>

This function performs a sector erase for external flash (sector size = 4KB)

BLANKCHECK

BLANKCHECK <F> or **BLANKCHECK** <F> <start_addr> <size>

Blankcheck command for external flash.

PROGRAM

PROGRAM <F>

Program command for external flash.

VERIFY

VERIFY <F> <R|S>

Verify command for external flash.

R - Normal verify with Read-Out method.

S - Verify with 8-bit checksum method.

READ

READ <F> <start_addr> <size>

Read function.

DUMP

DUMP <F> <start_addr> <size>

Dump function.

CONNECT

Connect function: Power on + check external memory IdCode.

DISCONNECT

Disconnect function: Power off and exit.