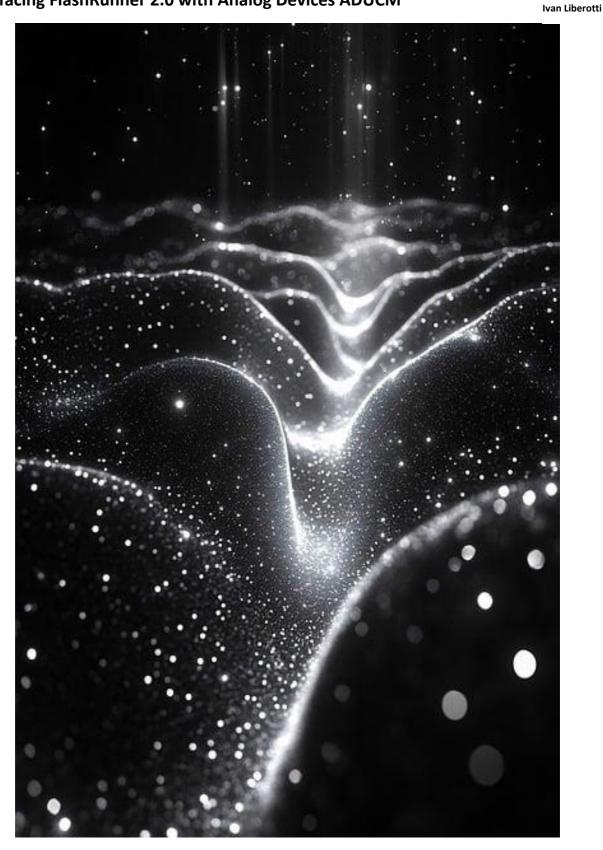


14/10/2025 Driver v. 1.00

Interfacing FlashRunner 2.0 with Analog Devices ADUCM



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Supported protocols

ADUCM flashing algorithm supports SWD protocol.

#TCSETPAR CMODE **<SWD>**

Standard Commands

CONNECT

This command is used to connect to the device.

MASSERASE < memory_type>

This command is used to erase the specified memory.

SECTOR_ERASE < memory_type> < start_address> < size>

This command is used to erase a portion of the specified memory.

BLANKCHECK <memory_type> [<start_address> <size>]

This command is used to check if the specified memory or a portion of it is blank.

Start address and size are optional parameters.

PROGRAM < memory type>

This command is used to flash the specified memory with a customer's firmware which fits into this memory.

VERIFY <memory_type> <verify_method>

This command is used to compare the content of the memory with a customer's firmware.

- R Readout method: compares the content bit by bit.
- S Checksum method: compares the checksum of the source file with the checksum of the memory content.

READ <memory_type> <start_address> <size>

This command is used to read the specified memory or a portion of it and print it out in the GUI terminal.

DUMP <memory_type> <start_address> <size>

This command is used to read the specified memory or a portion of it and save it into a binary file stored inside the programming system SD-CARD.

DISCONNECT

This command is used to disconnect from the device.

Memories

- 1. [F] Flash
- 2. [D] DataFlash

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ADUCM34x/33x family commands

Commands supported:

#TPCMD CONNECT

#TPCMD MASSERASE F|D

#TPCMD SECTOR_ERASE F|D <start address> <size>

#TPCMD BLANKCHECK F|D [<start address> <size>]

#TPCMD PROGRAM F|D

#TPCMD VERIFY F|D R|S

#TPCMD READ F|D [<start address> <size>]

#TPCMD DUMP F|D [<start address> <size>]

#TPCMD DISCONNECT