FLASH_WRITE command

This command writes data (from 1 to 59 bytes) to the requested SPI Flash address. Afterwards, it writes USB FX2 firmware, reads back data from Flash and returns it in a reply packet.

Byte	Value	Description
1	0xA6	FLASH_WRITE command ID
2	Sector	Flash sector to read (address [23:16])
3	AddrHigh	High part of address (address [15:8])
4	AddrLow	Low part of address (address [7:0])
5	size	Number of bytes to read (max 59)
From 6 to size+5	data	Data to write (size bytes)
From size+6 to 64	-	Not used

FLASH_WRITE Command Packet Layout.

Reply packet contains readback data.

Byte	Description
From 1 to size	Readback result
From size to 64	Not used

FLASH_WRITE Reply Packet Layout.