Packet template

64 Bytes	
1 Byte (0)	63 Bytes (1 tot 63)
Cmd ID	Arguments binary raw

Both interfaces use identical data formats, transmit data with first byte 0 as CMD ID to byte 63 as max argument.
USB CONTROL: Device enumerates as Generic USB HID, 64 byte reports are used (but only a few are actually occupied)
UART CONTROL: Device uses 115200 baud 8N1, 16 byte reports are used (in version 0x3)
For UART a report is detected only when 16 bytes are in buffer!
UART buffer is automatically cleared one second after the last byte or after succesfull report

Command List

Comments		Command	1	2	3	4	5	6	7	8	9	10	11	12	13	14
			Arguments (cel per byte)													
A command always	Detail	DEFAULT (fout commando)														
returns itself, with	Value	0xFF														
or without return	Return	DEFAULT	version													
argumetns	Value	0xFF	uint8_t													
	Detail	CMD_SYS_CHECK (														
	Value	0x00														
	Return	"														
	Value	"														
	Detail	CMD_SYS_RESET														
	Value	0xFF														
	Return	"														
	Value	"														
	Detail	CMD_LED_OFF														
	Value	0x10														
	Return	"														
	Value	"														
	Detail	CMD_LED_ON														
	Value	0x11														
	Return	"														
	Value	"														
	Detail	CMD_LED_BLINK														
	Value	0x12														
	Return	"														
	Value	"														
Not Implemented	Detail	CMD_LED_BREATH														
	Value	0x13														
	Return	"														
	Value	"														
	Detail	CMD_GET_BUTTON														
	Value	0x14														
	Return	"	button history (shift register)													
	Value	"	uint32_t													
	Detail	CMD_SMC_STEP	steps			dir		time_ms			free					
	Value	0x20	uint32_t			uint8_t		uint32_t			uint8_t					
	Return	"														
	Value	"														
	Detail	CMD_SMC_STATE														
	Value	0x21														
	Return	"	SMC_getState()													
	Value	"	uint32_t													
	Detail	CMD_SMC_STOP														
	Value	0x22														
	Return	"														
	Value	"														
	Detail	CMD_SMC_PAUSE														
	Value	0x23														
	Return	"														
	Value	"														
	Detail	CMD_SMC_CONTINUE														
	Value	0x24														
	Return	"														
	Value	"														
	Detail	CMD_SMC_FREE														
	Value	0x25														
	Return	"														
	Value	"														
	Detail	CMD_SMC_BRAKE														
	Value	0x26														
	Return	"														
	Value	"														
	Detail	CMD_AUX_OFF														
	Value	0x30														
	Return	"														
	Value	"														
Direct timer	Detail	CMD_AUX_ON														
peripheral control	Value	0x31														
	Return	"														
	Value	"														
	Detail	CMD_AUX_PWM	dutycycle		period		perscaler									
	Value	0x32	uint16_t		uint16_t		uint16_t									
	Return	"														
	Value	"														