# Prelab diagram.



- Pid
- addr. end?
- 4'b  7b  4'b
- 64'b
- data.

**bitstream encoder**
- Pause.
- PKtready.
- outb.
- sending

**CRC.**
- inb.
- reciving  sending.
- Pause.in
- gotpkt.
- outb.
- Pause.out.

**bit stuffer.**
- inb
- Pause.
- outb.

**to-usb.**
- data_bit
- data_start  data_end.
- ready.
- DP(+)
- DM(-)

**NRZI**
- inb
- outb.