一、有 Rx, Tx, 控制器.

二、FSM.

三、
- Rx recog
- data echoing.
- L & P printing

Command Processor.

① get data from RX.
② transfer data to tx
> one part. ✡

③ command control.
- ▷ ANNN.
- ▷ L or l
- ▷ P or p
- ▷ reset.

> seq-process x4.

④ Data processor 交互.

① Rx.
reg. (存数据).
TX.

接受数据，传输大小(start+N) (by ANNN)

Rx → Data processor ⇒ 1人

↓

DATA PROC 不归我们管.

↓

输入 + Reg(储存) ⇒ 第2人.

(输入Signal)

Reg { 1. 所有 bytes
2. max index.
3. data resaults.

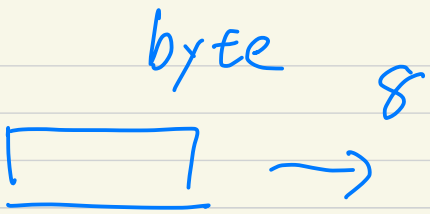
reset

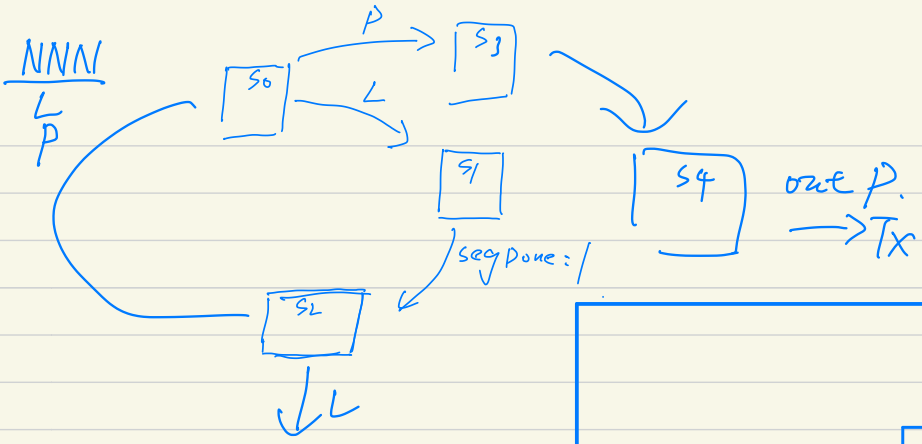
↓

Command → TX. ⇒ 第三人

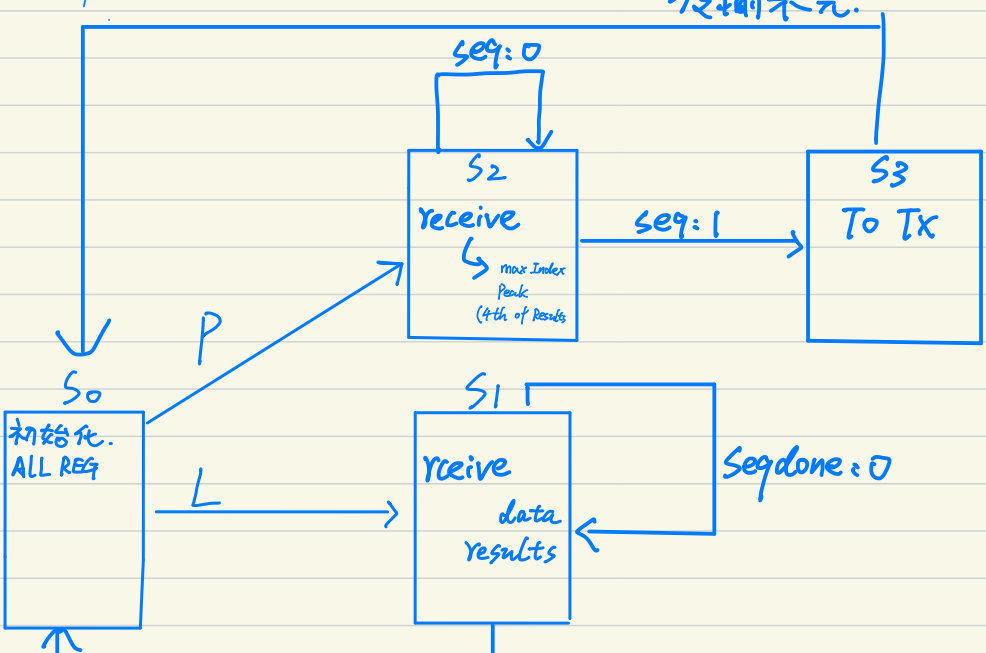
{ L
P

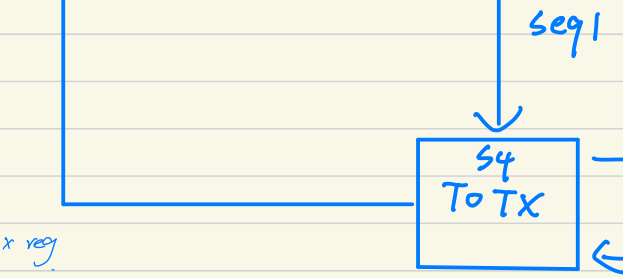
⇒ 输出TX.


byte
8



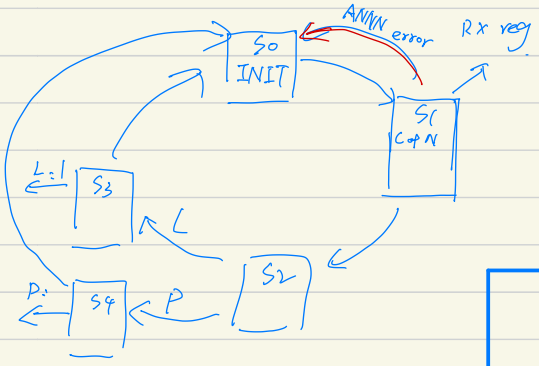
传输未完.

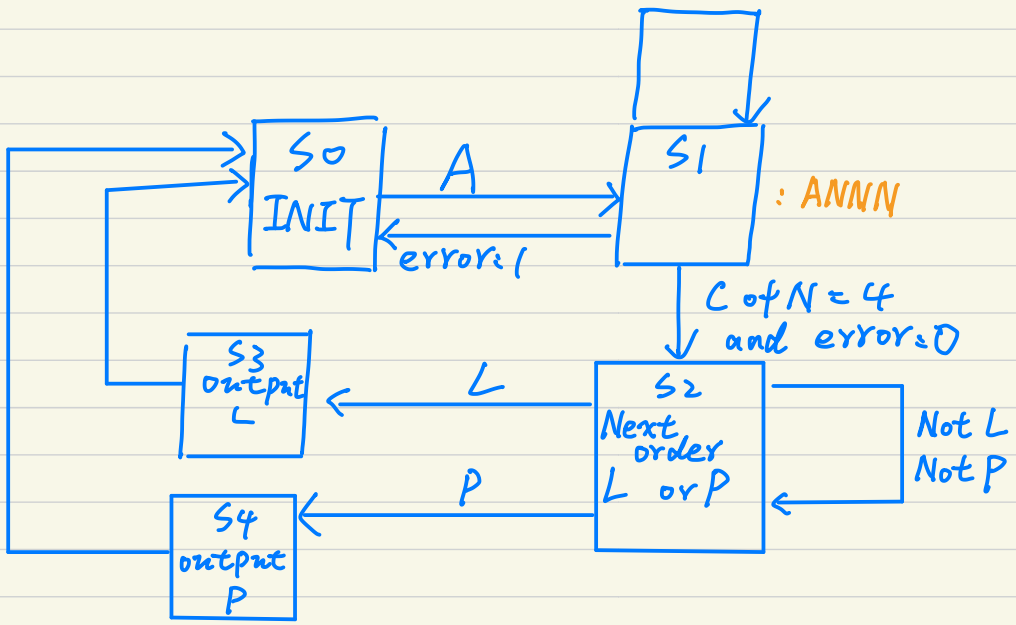


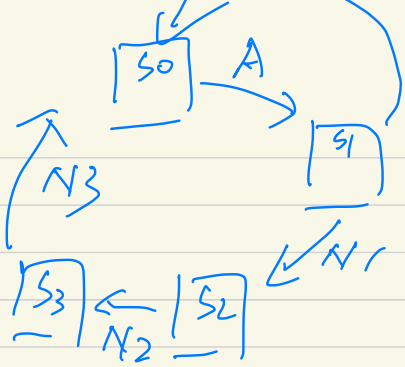


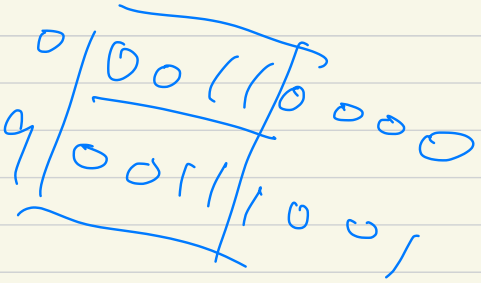
传输完成

C of N < 4 and error:0









Rxreg (3 to 0).

A => Rxreg (3 to 24).

N1 => 22 to 16

N2 => 15 to 8.

N3 => 7 to 0.