Memory Design

GPIO
- Serials to parallel conversion

Driver
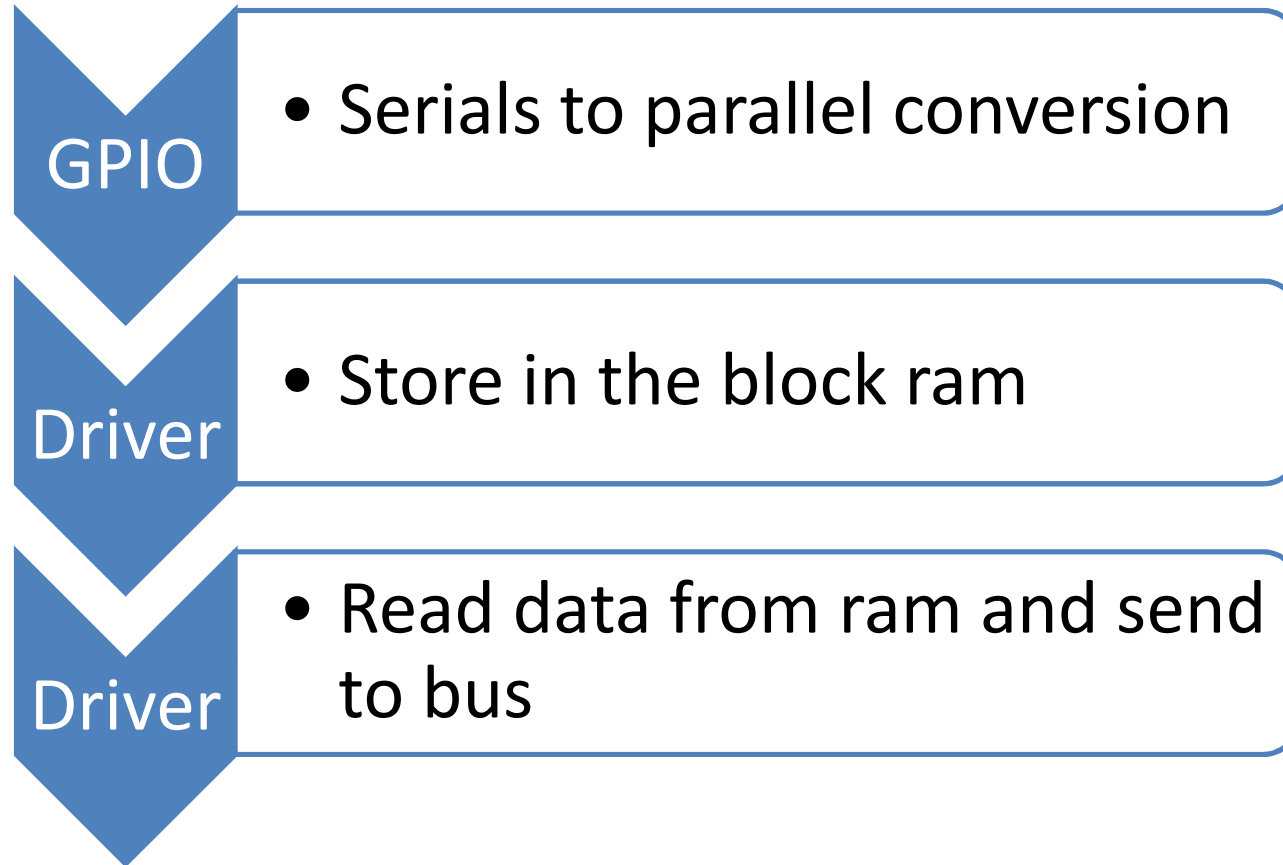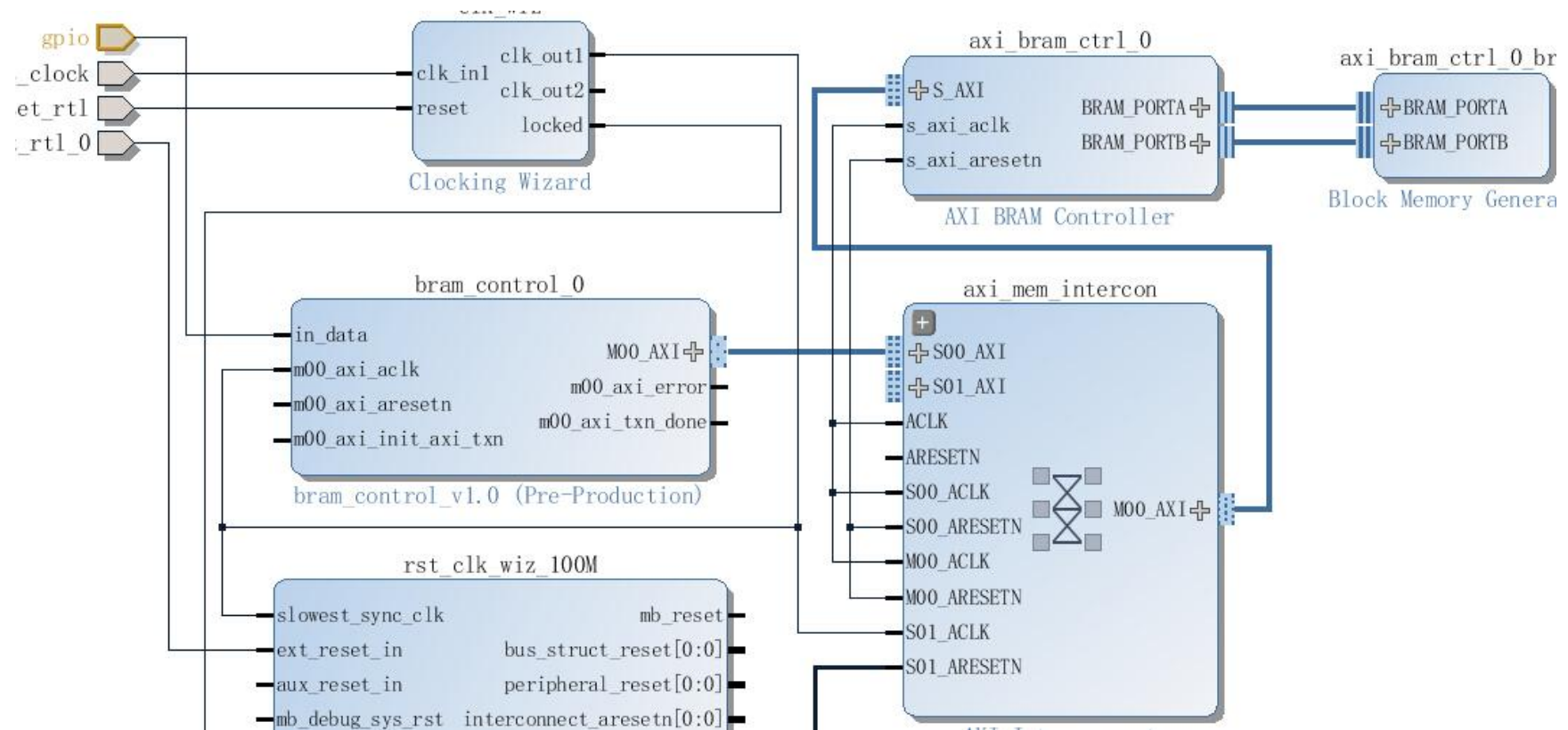- Store in the block ram

Driver
- Read data from ram and send to bus

Draft Functional block

Considerations

- In order to save IO port, using serials transmission for trace port.

- Considering how much space is really needed

- Considering how to separate data from different signals.

- Considering ways to work coordinate with JTAG

- Considering proper structure to leave space for data compression after finishing basic function