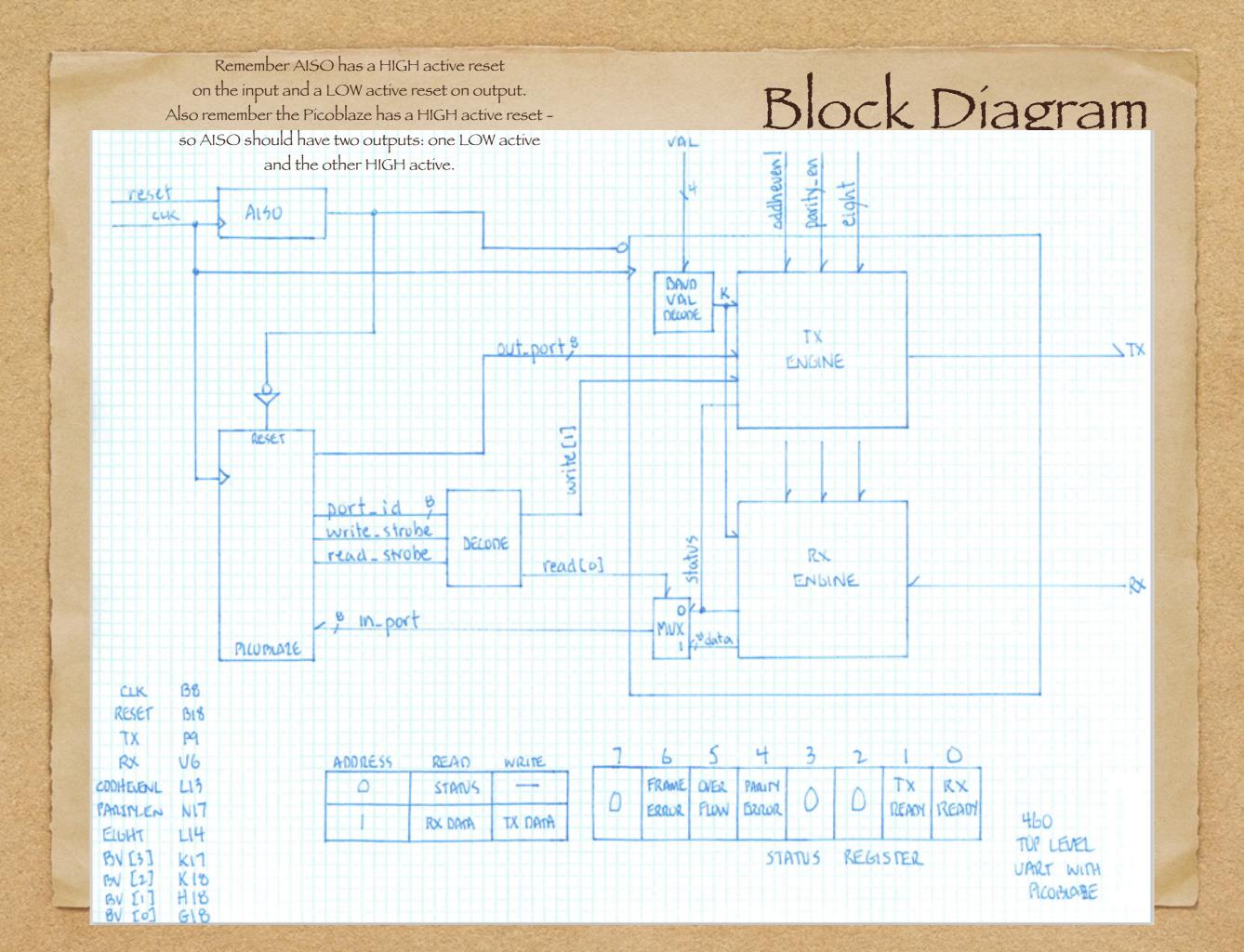
CECS 460 Project 3

Transmit Engine plus Picoblaze



Block Diagram Discussion

- This is meant to convey the TRANSMIT
 function but by looking ahead we can save
 ourselves time when we construct our design
- Please use recommended pinouts (Nexys2),
 for Nexys3 please choose the equivalent pins

Project Discussion

- Make sure you simulate your design before you program your board. This allows you to see how the inward parts of your design are operating - you might be surprised
- The software to be written is simple, monitor the TXRDY bit in the status register (see below)
- When you see the TXRDY bit you should continuously transmit the sequence "CSULB CECS 460 < CR><LF>"

Deliverables

- Due October 20
- Complete the documentation using the recommended style from the chip specification presentation
- Please include: Technical discussion, source code (leave out the detailed Picoblaze files), the psm and ucf files
- Please upload to Dropbox
- Please demonstrate to instructor with hard copy of deliverables