VLSI project

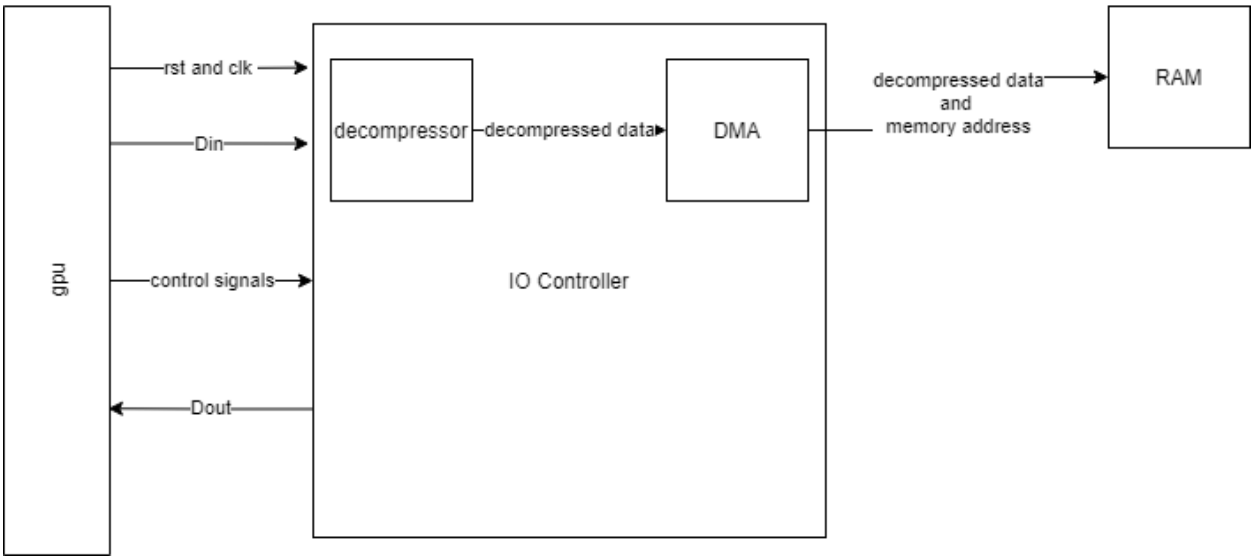
IO subteam

Participants

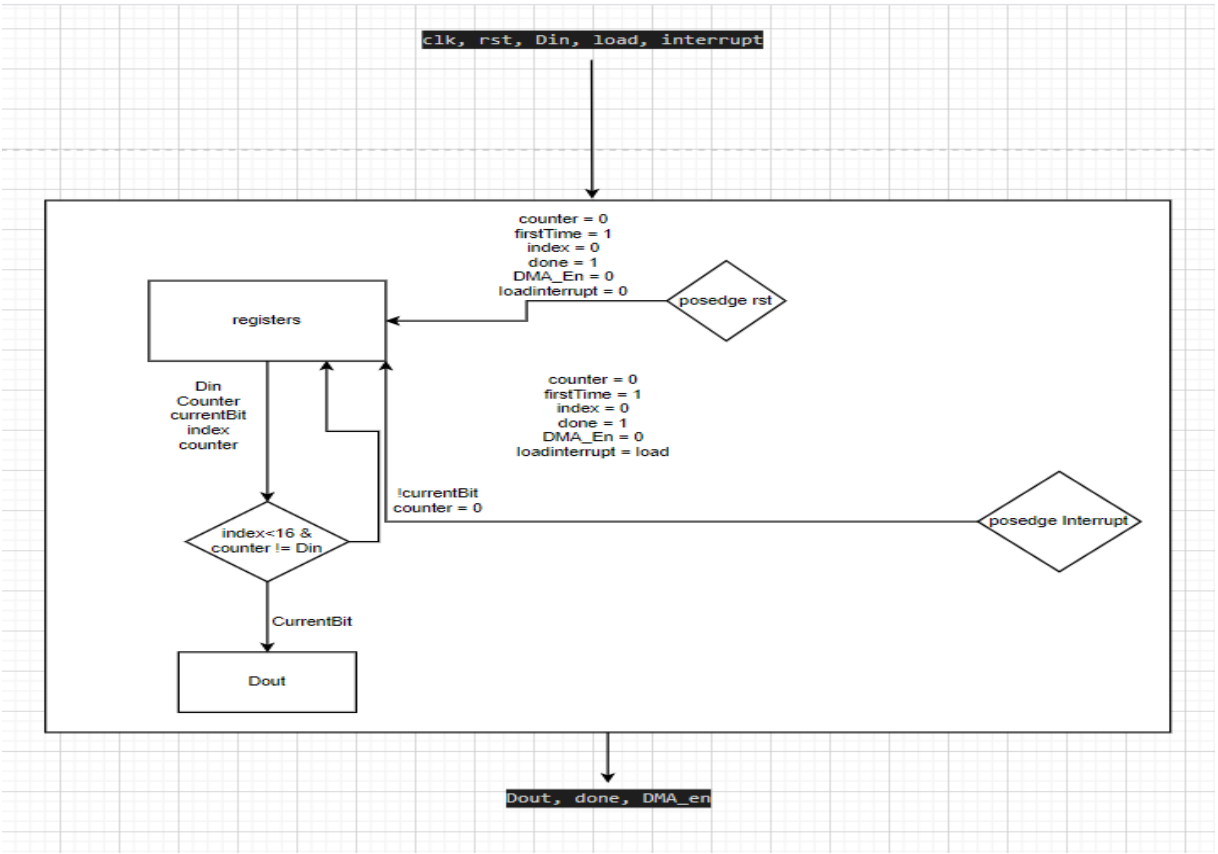
1. Ahmed Walid Fathy , section 1 , bench number 10
2. Abdelrahman Tarek , section 1 ,bench number 35
3. Ali Abdelhaleem , section 2, bench number 5

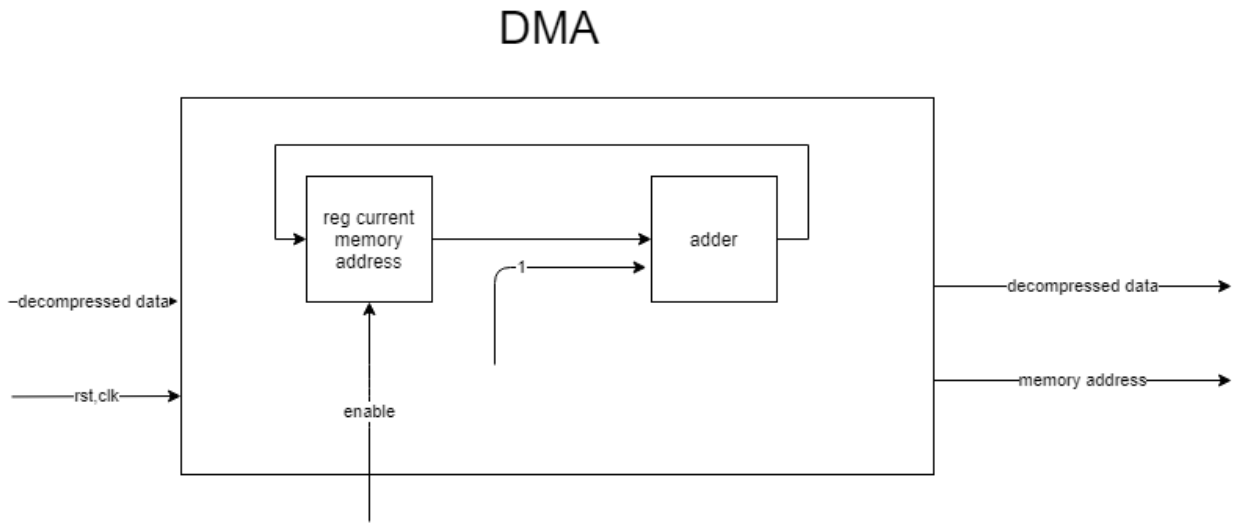
Unit architecture

Whole IO unit



decompressor





Assumptions

1- Compressed file is in the form of block 16 bits width
2- The compressed file is compressed with RLE algorithm