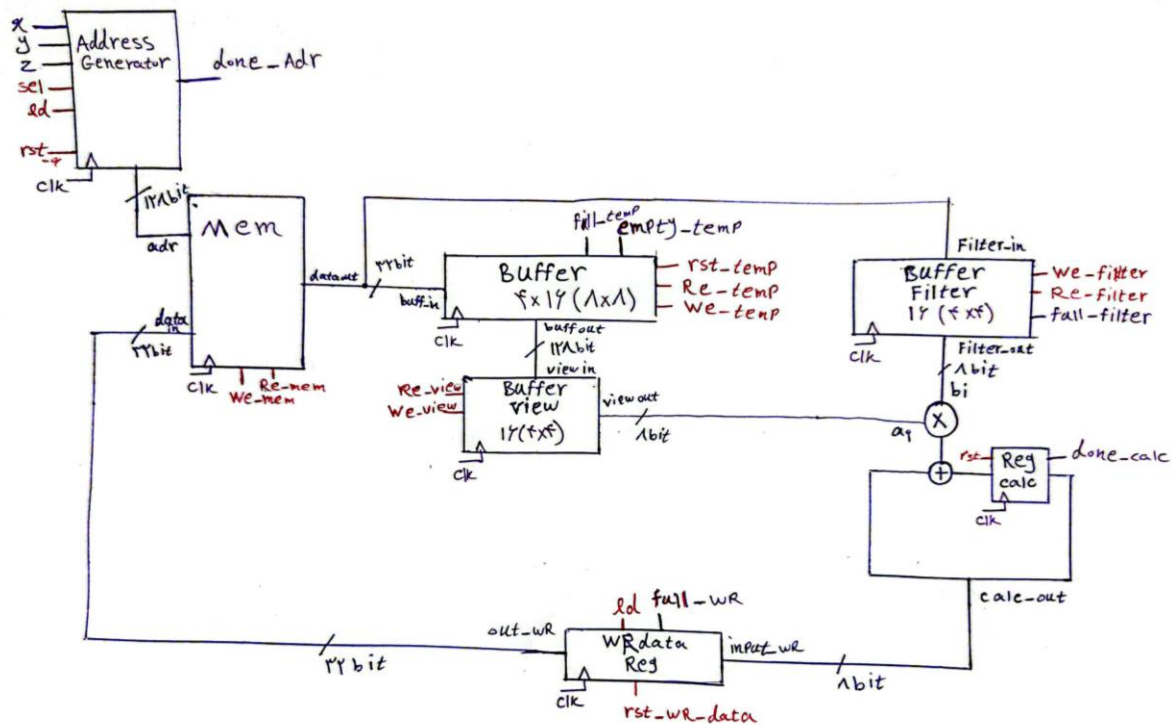
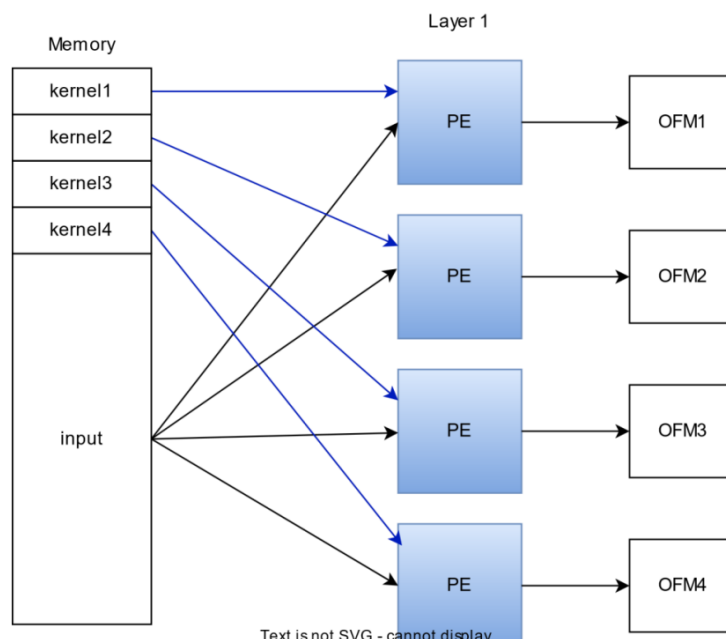


CAD-CA3-Phase1&2 (Kourosh Sajjadi – Hesam Ramezani)

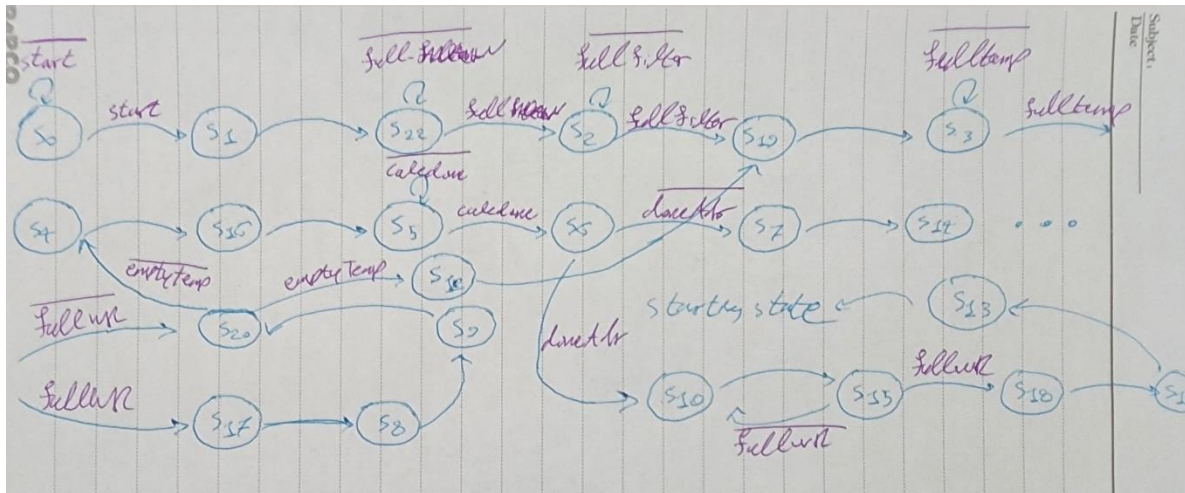
Data-Path (Single PE/MAC):



We used the above PE/MAC to build the below the only modules that got newly added were MemInit and AdrInit which basically just read from the input file.



Controller:



For Phase2 we added a Mid Memory module that handles the interconnection between the two layers then for each PE in the second layer we used 4 of our take homes and only used they're macs which we changed so it sums the four sections then it takes the MSB of it but overall, the layer 1 didn't changed and it is still the same as the previous one (same as last page).

