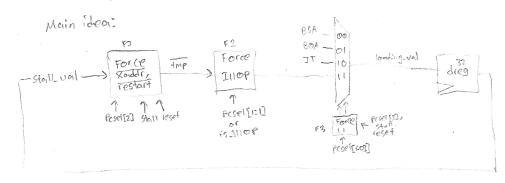
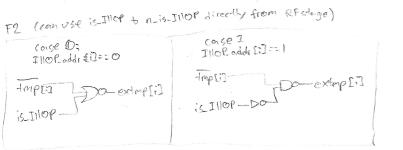


PC optimization (since stall, pesel [2] generally are stable faster than pesel [1:0], pesel [1] is faster than pesel [0], and when IIIOP happens, both pesel [1:0] are generated much faster.)

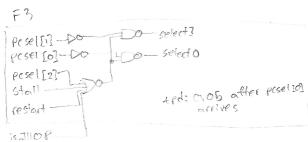


FI produces the inverted form of either stall val, Xaddr, or restart

(similar to ID-severt, but with previd % stall val, NOP & Xaddr, BNE & reset - addr, IRSICEO] & stall IRSICEO] & restart



oI didn't end up using the dangerous implementations, since it could at best provide 0.02-0.05 ns savings per cycle, after enough tuning, but seems like a not very good design practice.



add is_IIIOP here and remove inverters, if using the dangerous inverted passel values that have not taken is_IIIOP into ronsideration.