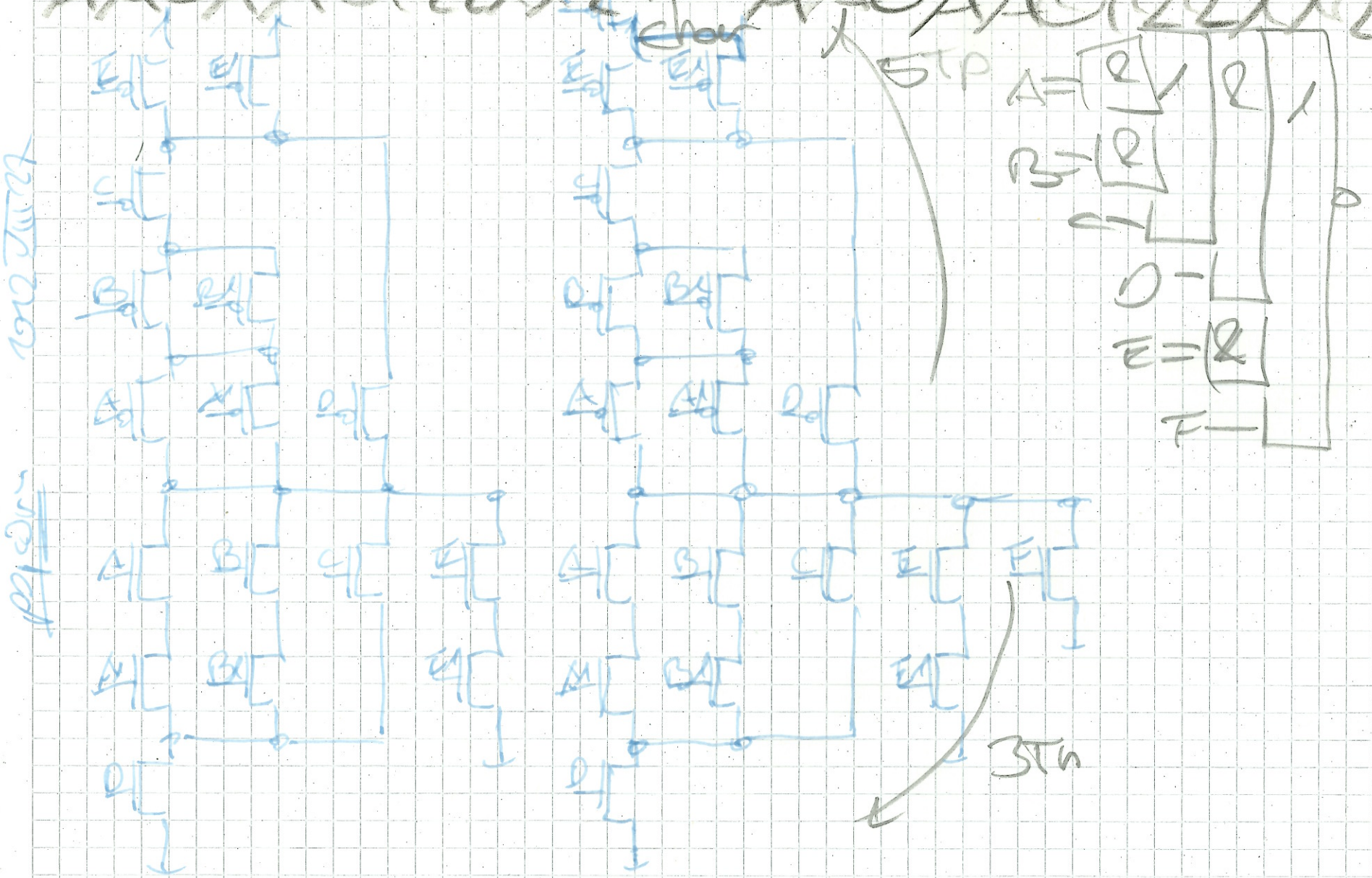AAOAAO122112 1pd AAOAAO122112