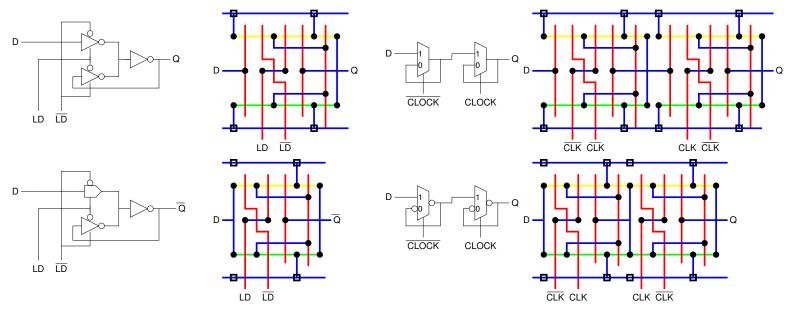
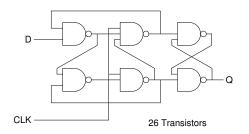


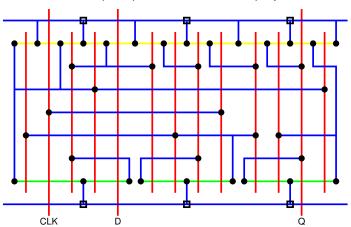
IVIASIEI SIAVE D-1 ype FIIP-FIUP



*muliplexor based latches and flip-flops include distictive polysilicon crossover

Edge Triggered D-Type Flip-Flop





Euler path analysis is applied creatively to these multi-gate cells – gates are often linked via the common gnd/pwr node Final layouts will be more complex where clock buffers, reset circuitry and metal 2 i/o are included