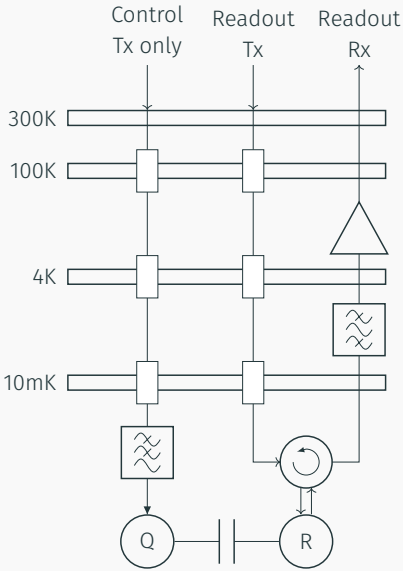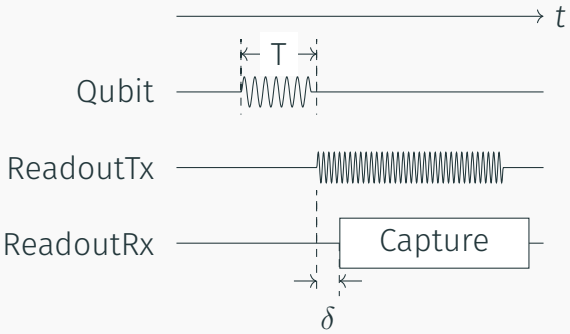量子ビットの操作と制御パルス