

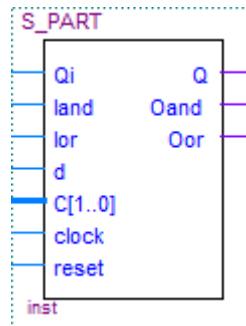
# Report

**Name:** S\_PART

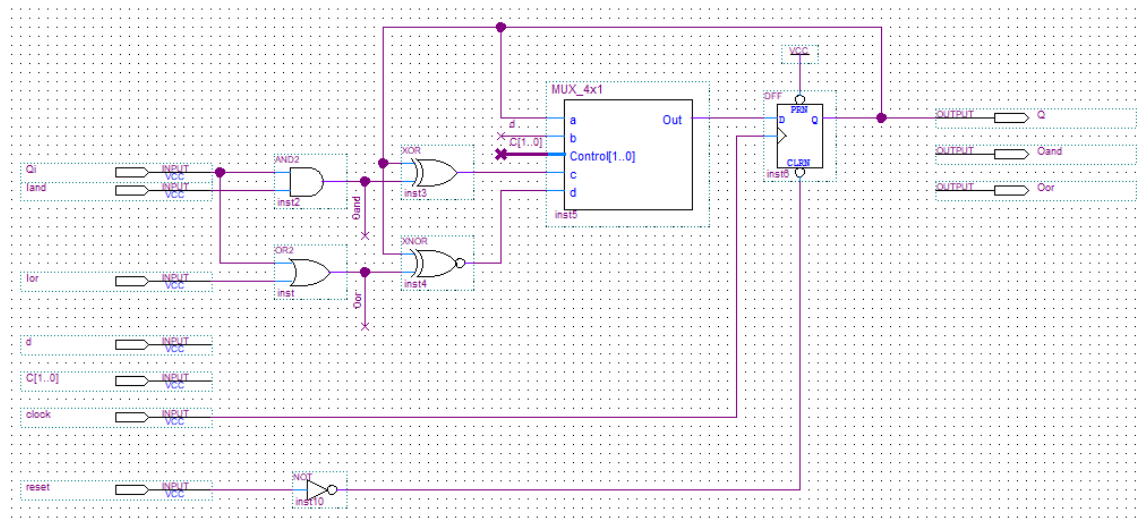
**Description:** generic component which is necessary to make the generic counter. Essentially, it's a 1 bit generic counter. Also:

- C = 0x00: keeps the Q.
- C = 0x01: sets Q to d.
- C = 0x10: increments Q and sets it.
- C = 0x11: decrements Q and sets it.

**Symbol:**



**Circuit:**



**Simulation:**

