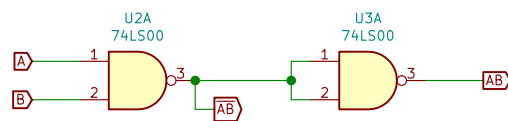


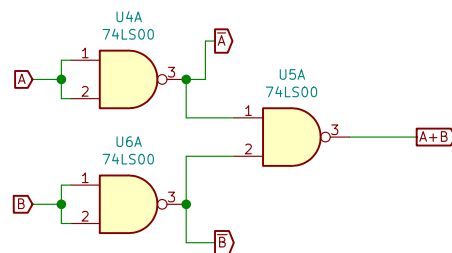
NOT

$$\bar{A} = \overline{AA}$$



AND

$$AB = \overline{\overline{AB}}$$



OR

DeMorgan's States That: $\overline{A+B} = \bar{A} \bar{B}$
The bubble on pin-3 of U5A translates $\overline{A+B}$ into $A+B$

| | | |
|--|------------------|---------|
| Copyright (C) 2019 John Winans | | |
| This documentation describes Open Hardware and is licensed under the CERN OHL v. 1.2. | | |
| You may redistribute and modify this documentation under the terms of the CERN OHL v.1.2. (http://ohwr.org/cernohl). This documentation is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE. Please see the CERN OHL v.1.2 for applicable conditions | | |
| If you chose to manufacture products based on this design, please notify me (see license section 4.2) via jwinans@niu.edu | | |
| Sheet: / | | |
| File: 03-nand-complete.sch | | |
| Title: Completeness of NAND | | |
| Size: A4 | Date: 2019-09-03 | Rev: 1 |
| KiCad E.D.A. kicad 5.1.4-e60b26684ubuntu18.04.1 | | Id: 1/1 |