

W5100 LINKLED Usage

This document is about W5100 LINKLED pin (66pin of W5100) operation. LED status is not related to the performance and function of W5100.

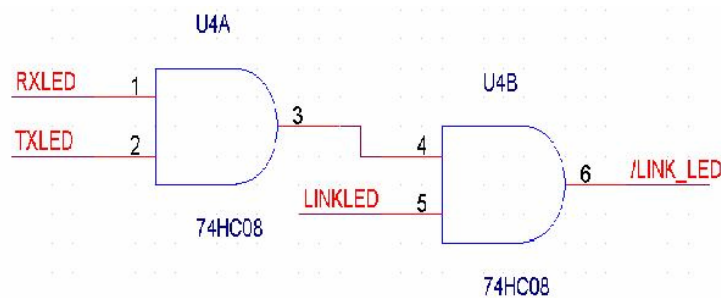
1. Description of W5100 LINK LED Operation

- LINKLED of W5100 (66pin) operates active low. When network cable is connected, the signal level of LINK LED will be changed from High to Low.
- When data is communicated (TX or RX), the signal level of 66pin of W5100 is changed to High.
- When interfaced to MAG-Jack having LED, the LINKLED(66pin) of W5100 will be changed to low at the TX/RX, and the LED will be [OFF] from [ON]. LED will blink.

※ The blink does not mean the problem of network function.

2. Removing LED Blink

It is possible to remove the blink status of LED. By adding below circuit, the LED will keep lighting at the TX or RX.



- RXLED : 72pin of W5100
- TXLED : 73pin of W5100
- LINKLED : 66pin of W5100
- /LINK_LED : connect to the link LED of MAG Jack