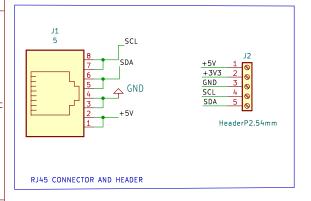
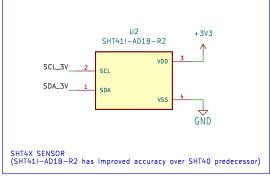
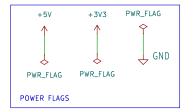


The principle of operation for this level shifting technique involves using the MOSFET to isolate the lower voltage side from the higher voltage side when the line is high, but allowing both sides to connect when the line is low.







Adafruit invests time and resources providing this open source design, please support Adafruit and open—source hardware by purchasing products from [Adafruit](https://www.adafruit.com)!

Designed by Limor Fried/Ladyada for Adafruit Industries.

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Main design modification by FC: Addition of RJ45 connector.

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Modified by Frederic Coulombe for Jericho Laboratory Designed by Limor Fried/Ladyada for Adafruit Industries.

Jericho Laboratory Inc.

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File: WIRED_SHT40_revA3.kicad_sch

Title: Atmos	pheric	Humidity	Sensor	Based	on SHT40
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Rev: RevA3 Size: A4 Date: 2024-03-19 KiCad E.D.A. kicad 7.0.9 ld: 1/1