

WARNING: Using ethernet without magnetic isolation is dangerous. Do so with caution only once you are absolutely positive the other side of the ethernet is isolated.

WARNING: The ESP will be competing against the serial driver. This will cause degradation in signal and may damage the serial driver.

NOTE: Using ethernet without a driver is fraught with peril.

NOTE: The resistors and capacitors selected here were ones I found happened to kind of work (<60% packet loss) you may find better ones. If you do, please tell me.