

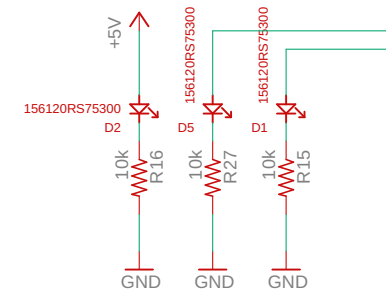
Raspberry Pi Pico

DNVT Interface

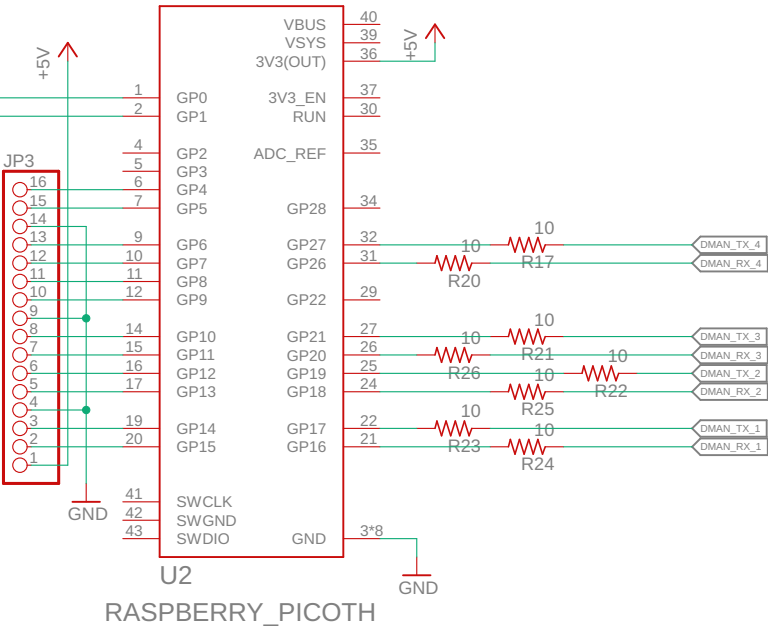
NOTE: The 5V net is actually 3.3V
This is a leftover from using a 5V line driver.

Expansion Headers

Configurable LEDs for debugging



Expansion Header.
This has all the pins needed to
connect a W5100S Ethernet PHY.



This board can be used in master mode or in slave mode depending on whether or not the Raspberry Pi Pico is installed.

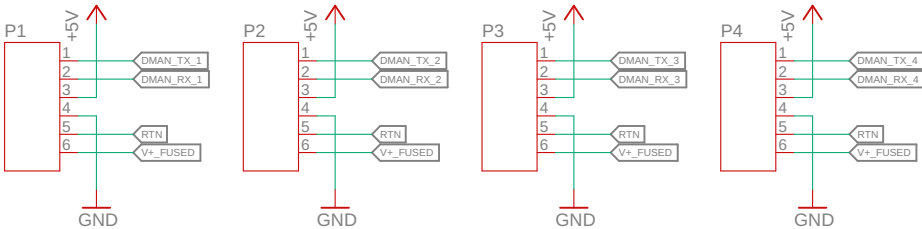
When the Pico is installed, the board is in master mode and when it is not installed the board is in slave mode.

Each board has one line driver and set of transformers to interface with a phone. P1 is connected to this line driver.

Connector P1 on boards in slave mode is connected to connectors P2-P4 on the master board.

This allows the Pico on the Master board to use the line drivers of the slave boards so that a single Pico can interface with four phones.

Slave boards are powered through these headers.



Line Driver and Common Battery Power Injection

