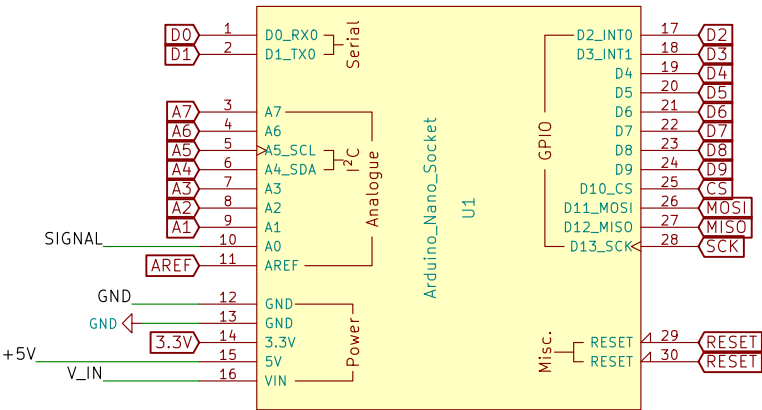
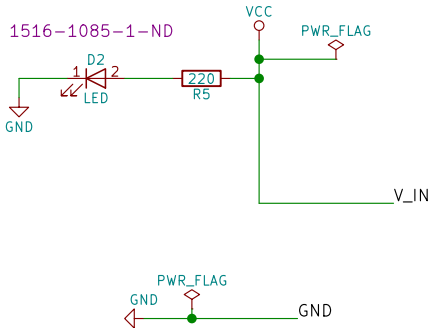


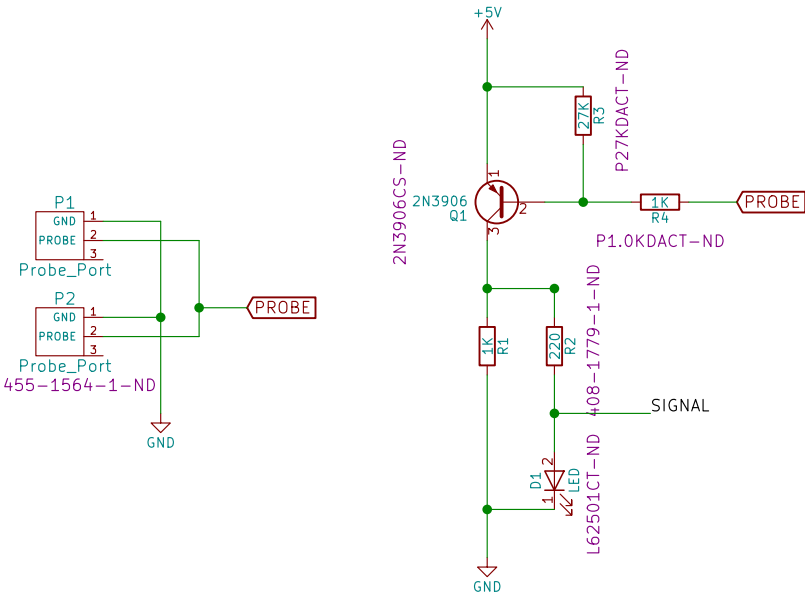
Arduino Nano Shield:



Power Supply:



Water Leak Sensor:



ARDUINO NANO SHIELD: is designed to communicate with Water Leak Sensor system. It is easy to access to all the GPIO pins on the Nano

WATER LEAK SENSOR: When a leak is detected, the signal is pulled high to VCC and bright red LED shines.

POWER SUPPLY: 6–20V unregulated external power supply.

The LED1(D1) is used to indicate the sensor's signal. If the probe is dry, then there is no voltage, so the LED will be off. Otherwise, the led will be on if there is a LEAK.

The LED2(D2) is used to indicate the supply spower's signal.

Author: Thong Huynh
Naura – WSU

Sheet: /
File: Arduino_Nano_Shield.sch

Title: Arduino_Nano_Shield

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