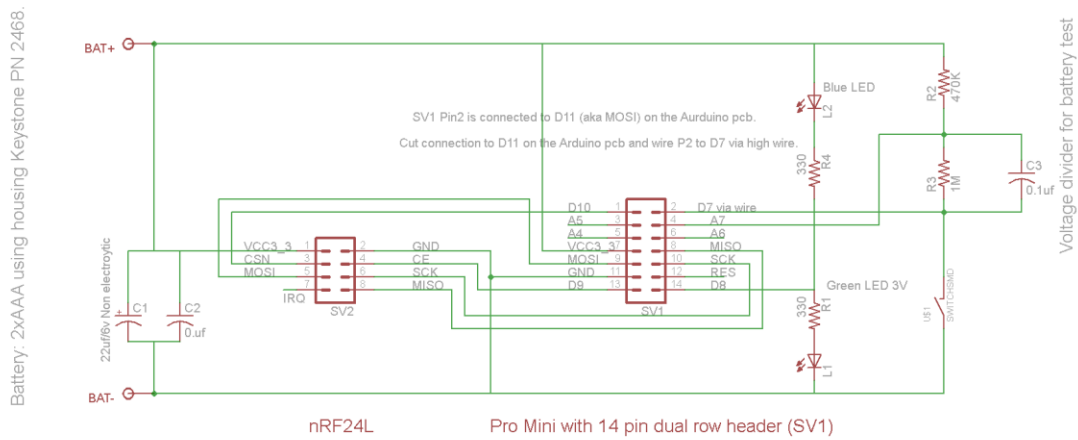


## Water Flow Sensor using Arduino Pro Mini , Nrf24L and patch board.

Remove 5V regulator on Arduino Pro Mini.

Power Arduino Pro mini with 3.3V serial adapter for programming.



### Interface board between Arduino Pro mini and nRF24L

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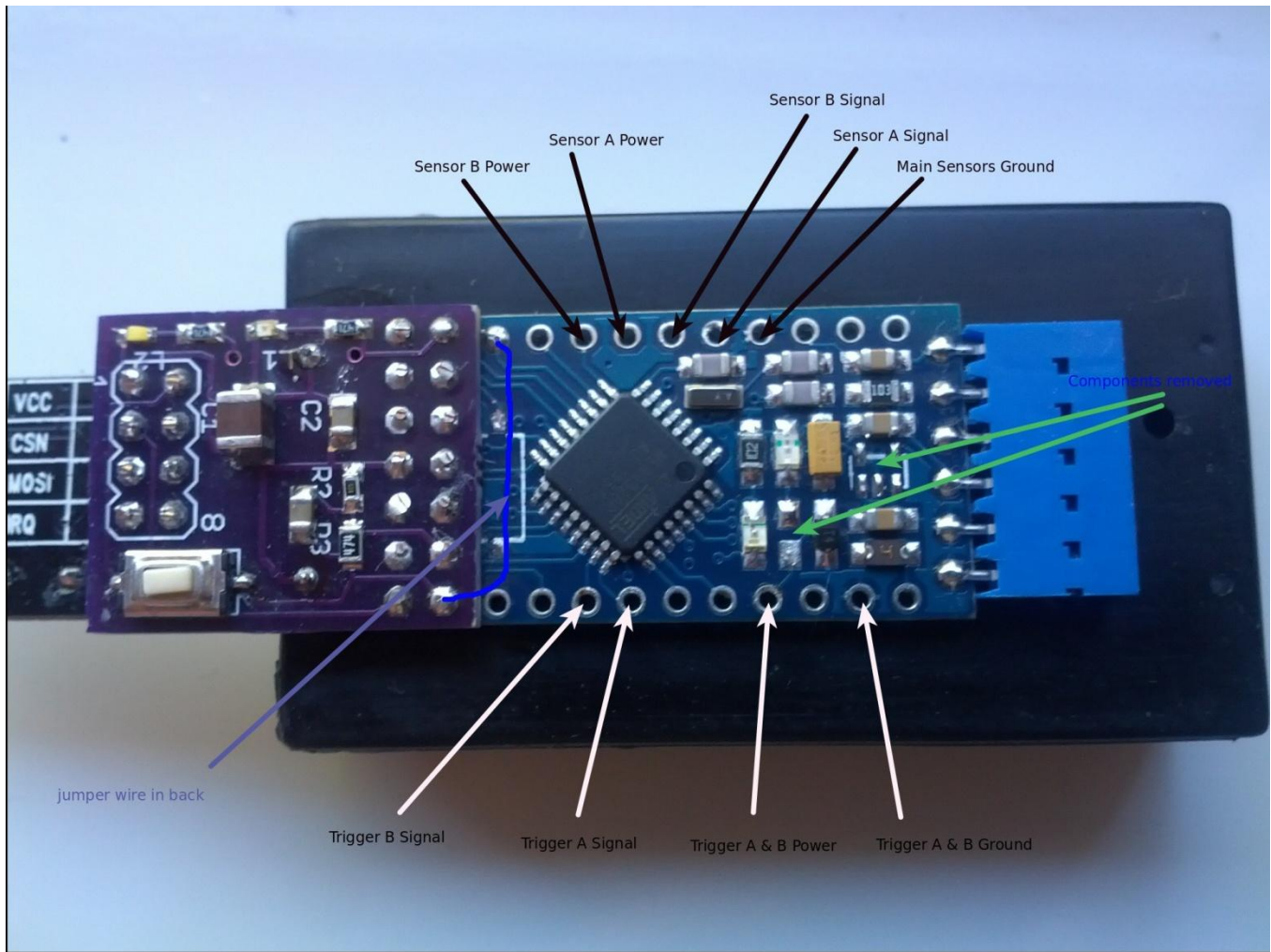
PCBs can be ordered directly at [https://oshpark.com/shared\\_projects/PWLCreWN](https://oshpark.com/shared_projects/PWLCreWN) for \$1 each.

Power consumption with single flow sensor and low duty flow trigger device:

Standby (sleep) 3 uA @3.3V

Active 20mA @3.3V

### Wire connections to sensors



On Arduino board, cut trace emanating from pin D11 and add wire as shown above for battery voltage measurement.