Intro

<https://sensorex.com/blog/2017/06/13/improving-electroplating-process-using-ph-control/>

ph sensor

<https://www.botshop.co.za/how-to-use-a-ph-probe-and-sensor/>

https://create.arduino.cc/projecthub/electropeak/how-to-calibrate-use-mq9-gas-sensor-w-arduino-e93cb1

ds18b 4.7kohm resistance

<https://forum.arduino.cc/t/pull-up-resister-with-ds18b20-why/84593/11>

arduino selection criterion

[http://www.varesano.net/blog/fabio/what%20arduino%20why%20we%20choose%20it%20what%20can%20we%20do%20it#:~:text=Arduino%20is%20a%20great%20tool,to%20a%20computer%20using%20USB](http://www.varesano.net/blog/fabio/what%20arduino%20why%20we%20choose%20it%20what%20can%20we%20do%20it" \l ":~:text=Arduino%20is%20a%20great%20tool,to%20a%20computer%20using%20USB).

Libraries

Radio head

[https://github.com/sparkfun/SparkFun\_RadioHead\_Arduino\_Library#:~:text=It%20provides%20a%20complete%20object,a%20range%20of%20embedded%20microprocessors.&text=RadioHead%20consists%20of%202%20main%20sets%20of%20classes%3A%20Drivers%20and%20Managers](https://github.com/sparkfun/SparkFun_RadioHead_Arduino_Library" \l ":~:text=It%20provides%20a%20complete%20object,a%20range%20of%20embedded%20microprocessors.&text=RadioHead%20consists%20of%202%20main%20sets%20of%20classes%3A%20Drivers%20and%20Managers).

One wire

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