

18 mar 2020

engelbert gruber

arduino oszilloskop

p.9

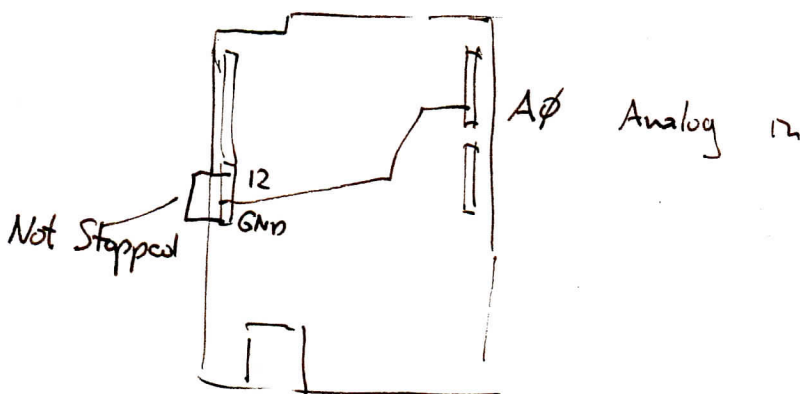
18²⁰

oszi - 13

```
int stopPin = 12;
bool is isStopped() {
    return digitalRead (stopPin);
}

int squarePin = 13;
void setup () {
    pinMode (stopPin, INPUT_PULLUP);
    pinMode (squarePin, OUTPUT);
    Serial.begin (9600);
}

void loop () {
    if (isStopped())
        return; // do nothing. stops plotter
    static int x = 0;
    digitalWrite (squarePin, ((x % 20) / 10));
    Serial.println (analogRead (A0));
    x = x + 1;
}
```



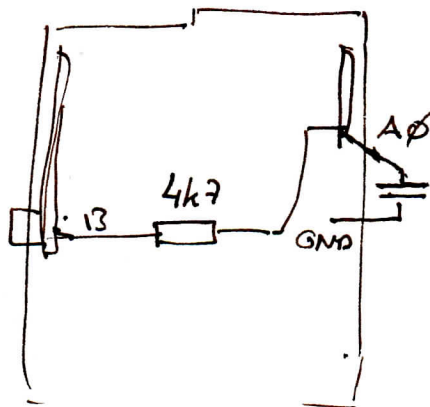
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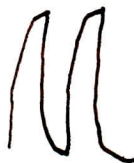
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p. 10

1833



plotter



47 μF

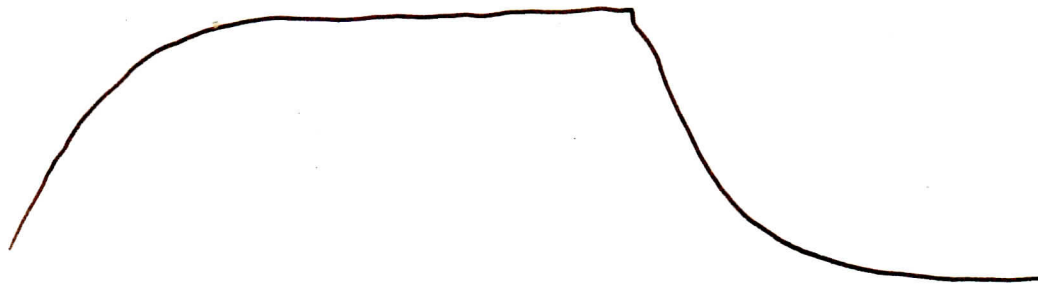


Rechteck ändern

digitalWrite (squarePin, ((x % 2000) / 1000));

1000 500

plotter



1929

(Kondensator suche + time spielen)