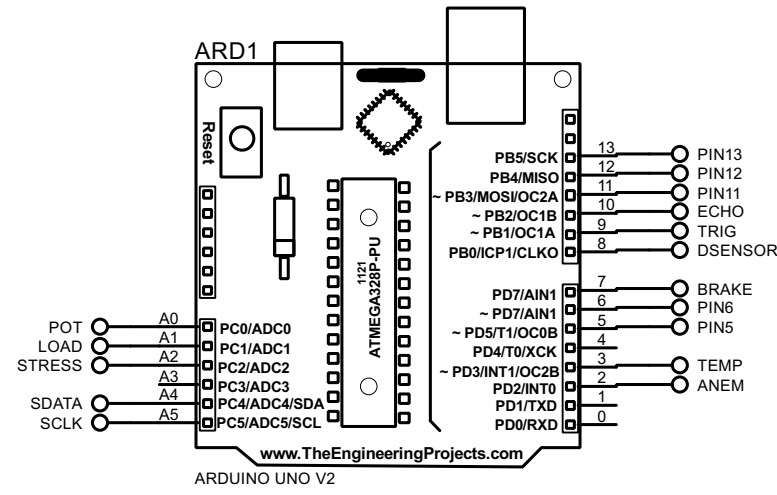
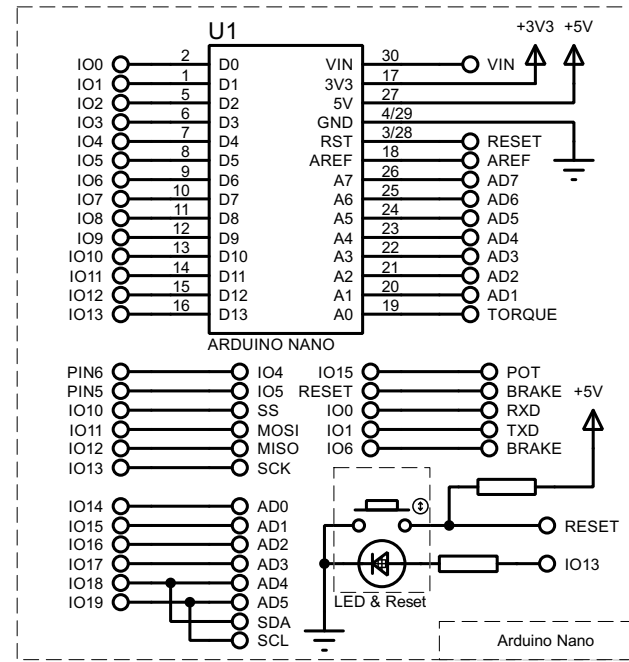
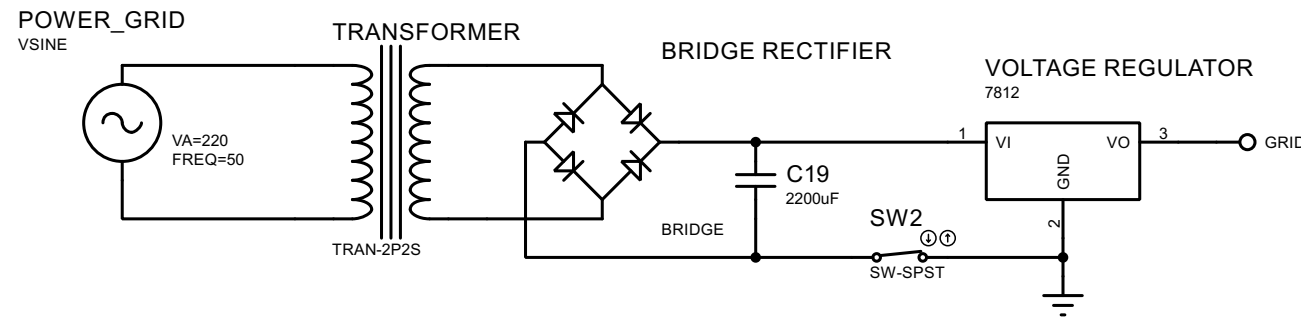
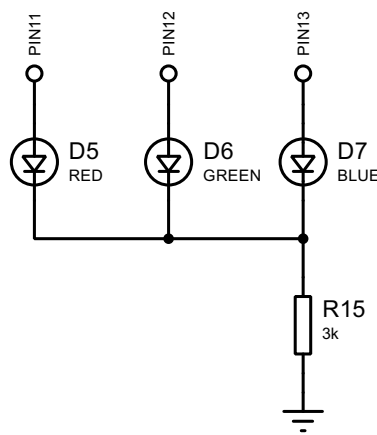


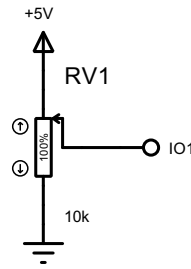
# POWER GRID GENERATOR



## Weather Status



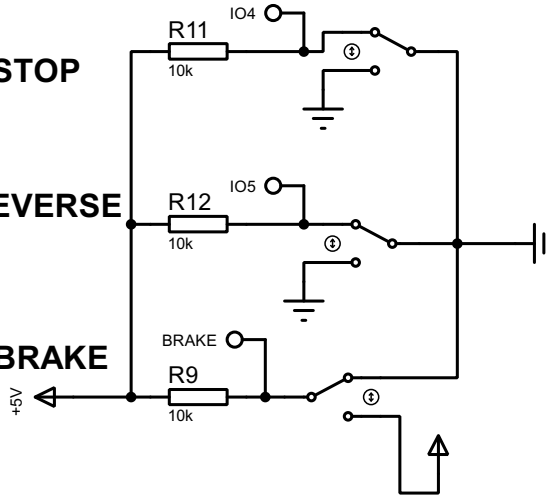
## Speed Control (Frequency Control)



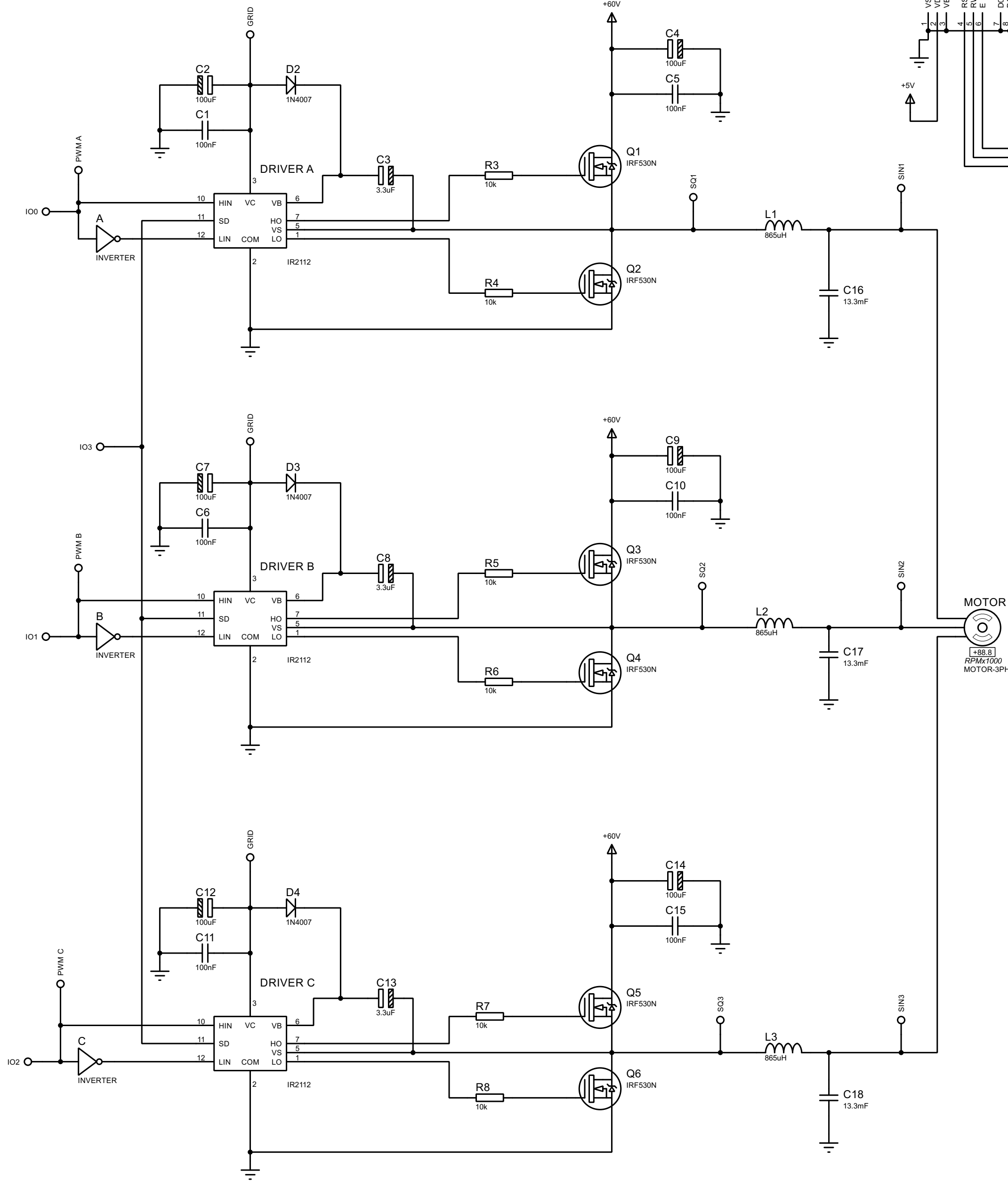
## START/STOP

## FORWARD & REVERSE

## MANUAL BRAKE

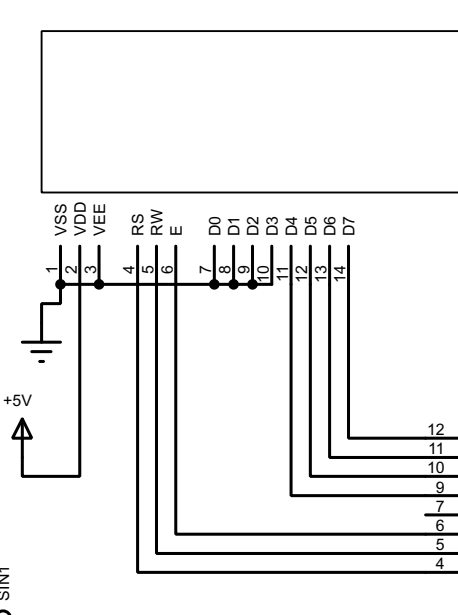


# CRANE MOTOR CONTROL

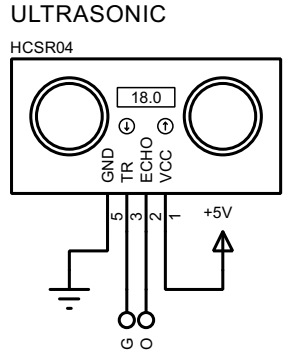


## SENSOR DISPLAY

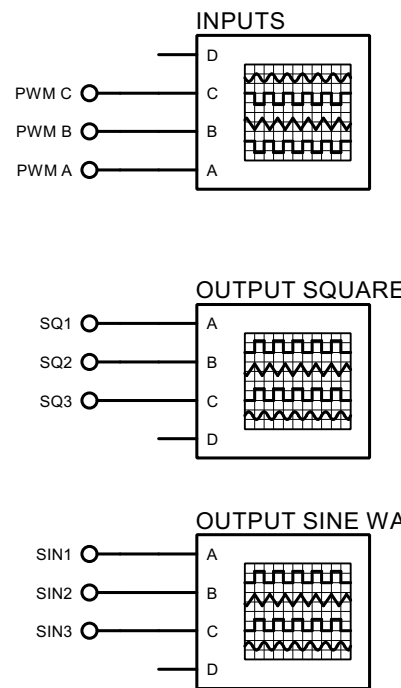
LM044L



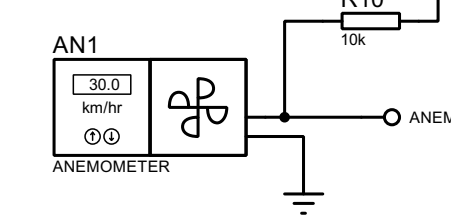
## ULTRASONIC SENSOR



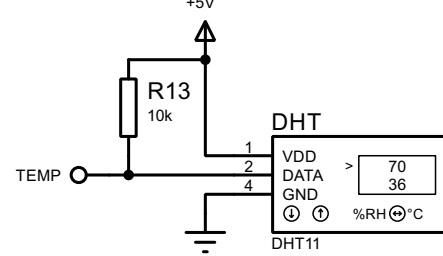
## I/O Signals



## Wind Speed



## Humidity & Temperature Sensor



To actually achieve torque at the motor shaft, a current is applied across the stator.

More poles = Higher acceleration / torque

Less poles = Higher RPM (Top Speed) / power consumption

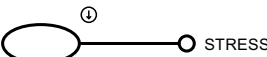
Poles can be: 2, 4, 6, 8, 10

For testing keep it to 4 poles or 2 poles

## Load



## Stress



## Dust Sensor

