



Pins 9-13 are used by the arduino usb host shield, which uses 3 of the 6 PWM pins on the board (9, 10, 11). There is a way to change these pins as documented here: https://felis.github.io/USB_Host_Shield_2.0/#interface-modifications I plan to free up pin 9 (interrupt pin) by changing it to pin 8 in the code config and on the shield (if necessary): Schematic here: <https://5.imimg.com/data5/XK/RR/MY-1833510/usb-host-shield-for-arduino.pdf>

Safety

The motorControllers have a built in safety shutoff if they begin to overheat (max current 43A drill motors shouldnt draw more than 25). I plan to w