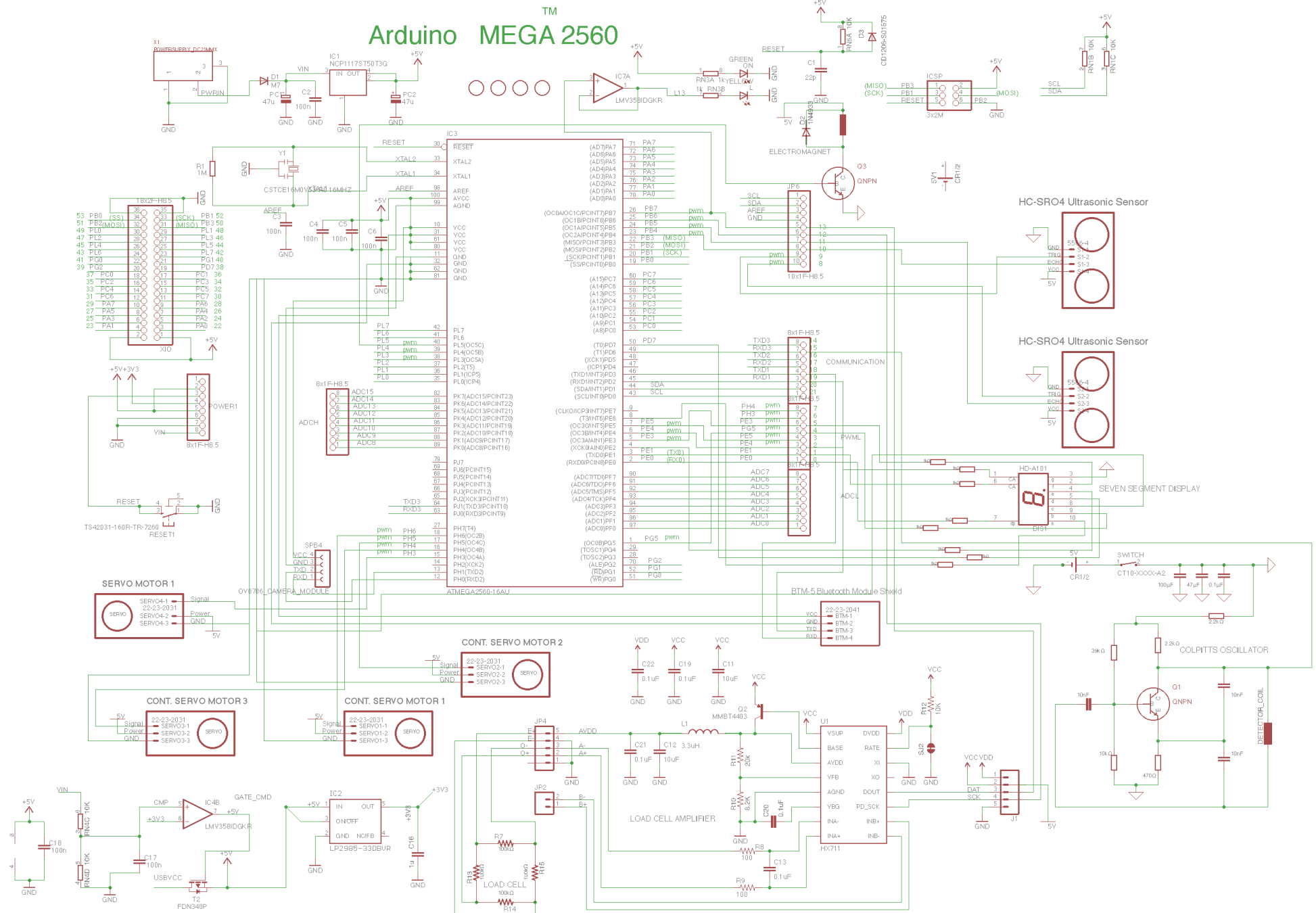
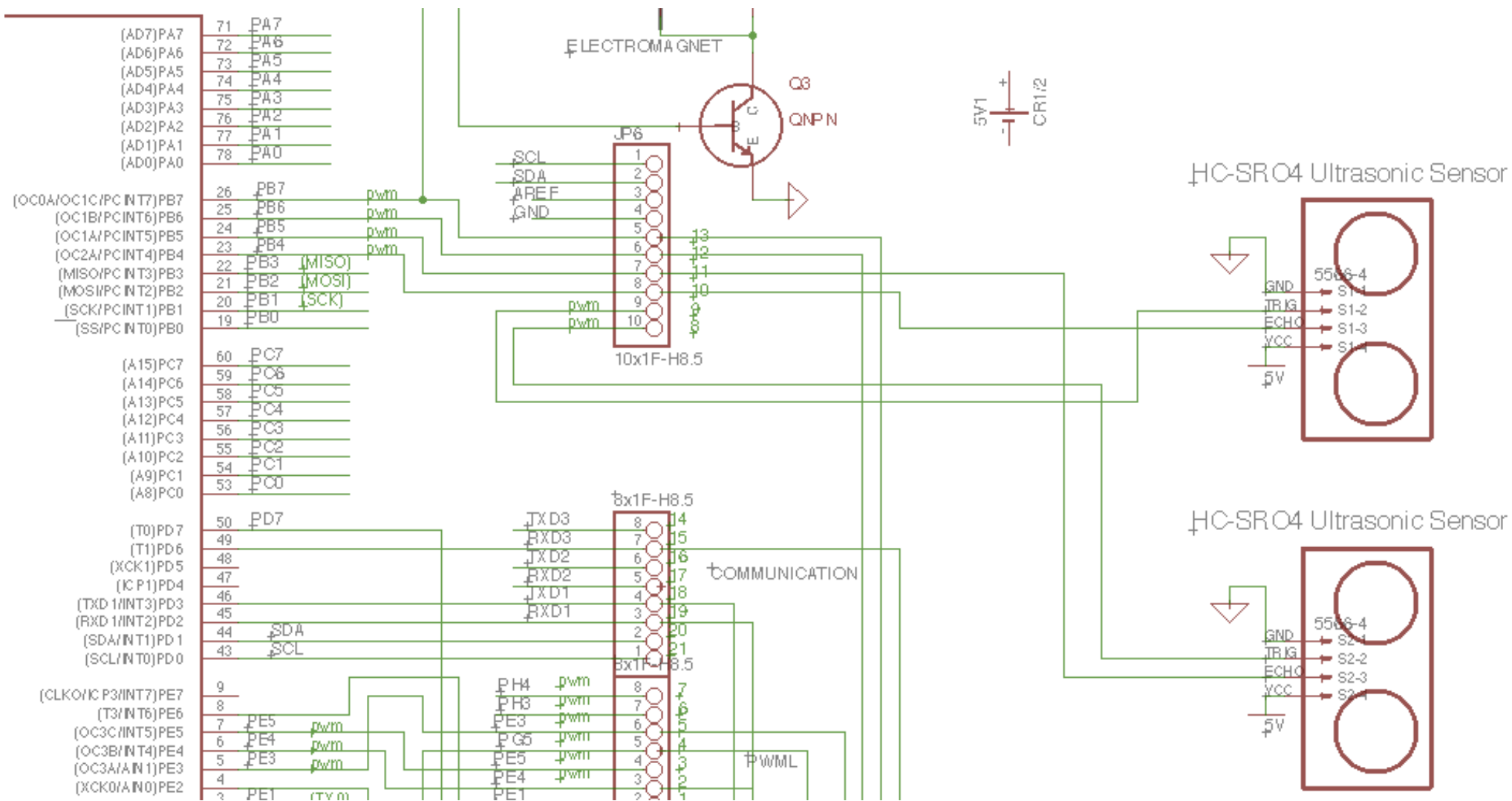


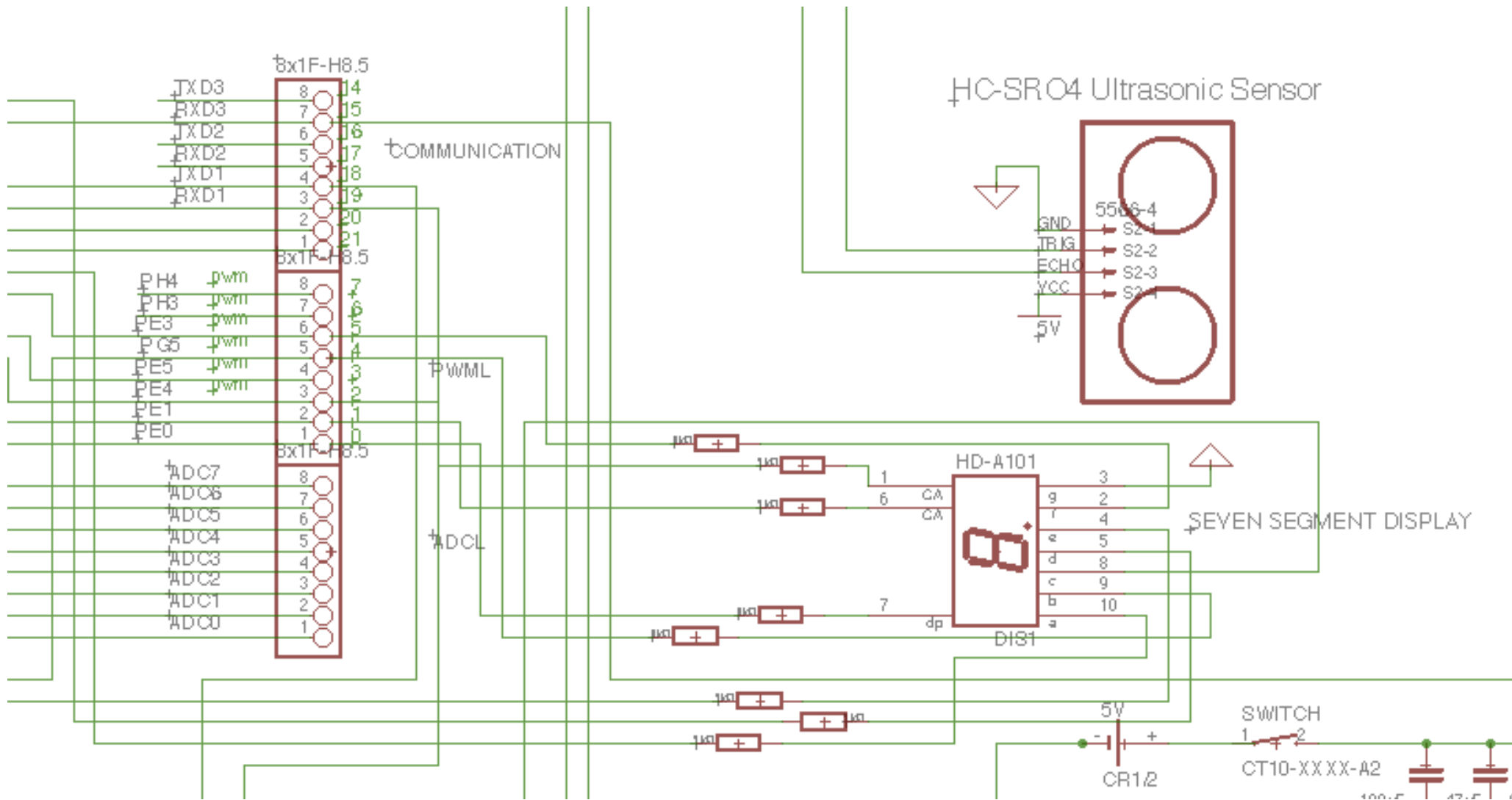
# MINE DETECTOR ELECTRICAL SCHEMATIC



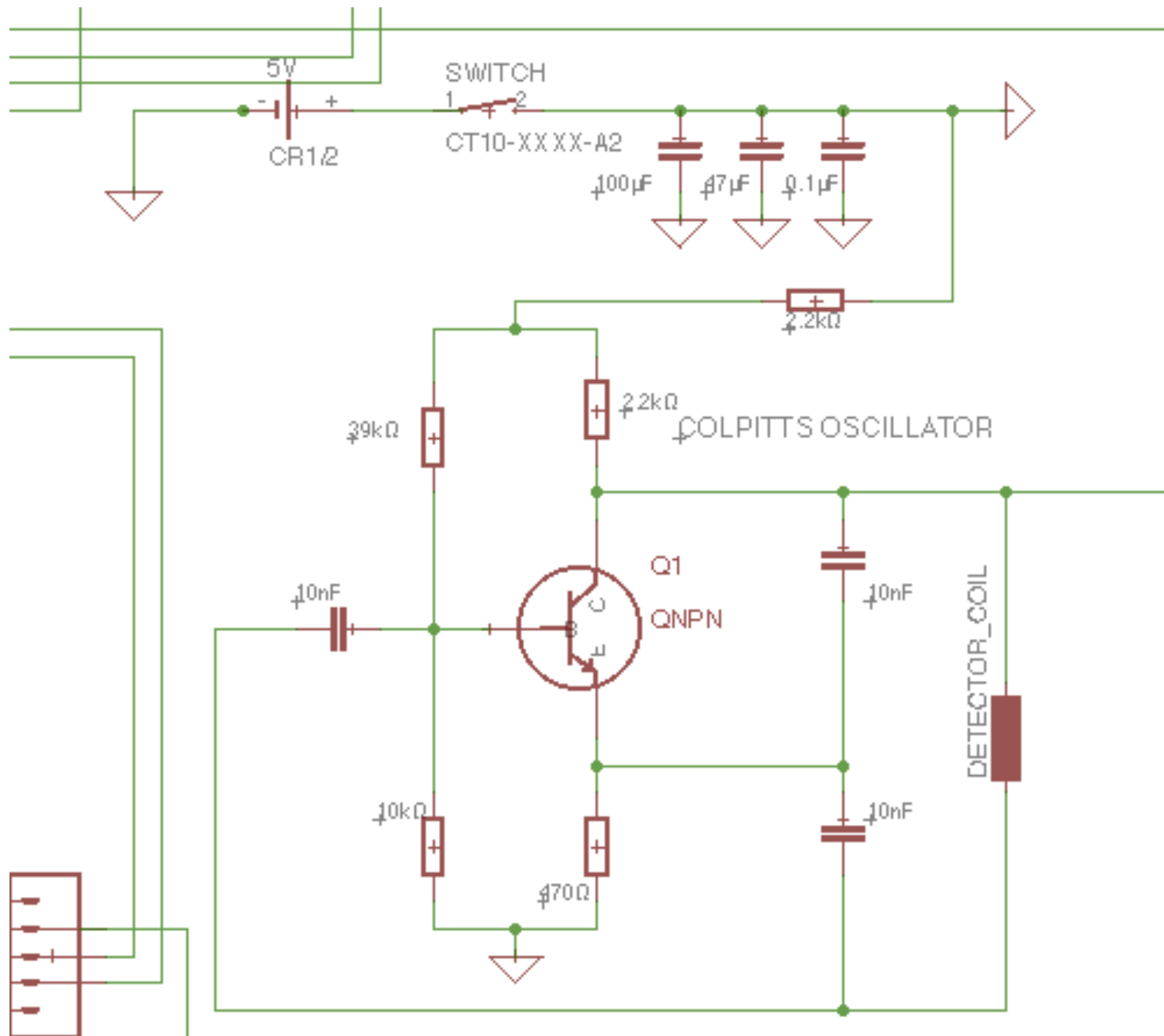
Full view of Mine Detector Schematic



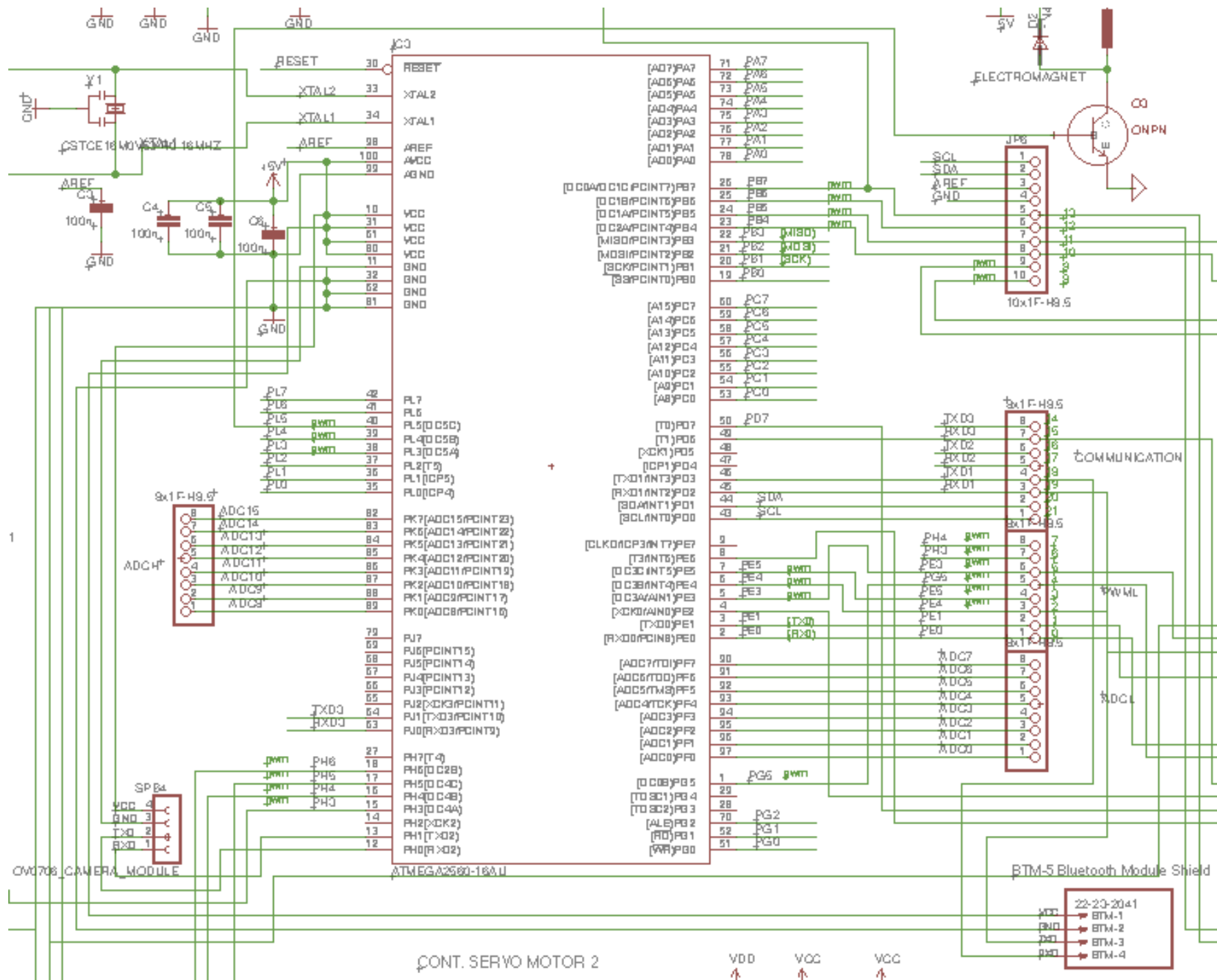
HC-SR04 Ultrasonic Sensor connection with Arduino Mega 2560



Seven Segment Display connection with Arduino Mega 2560

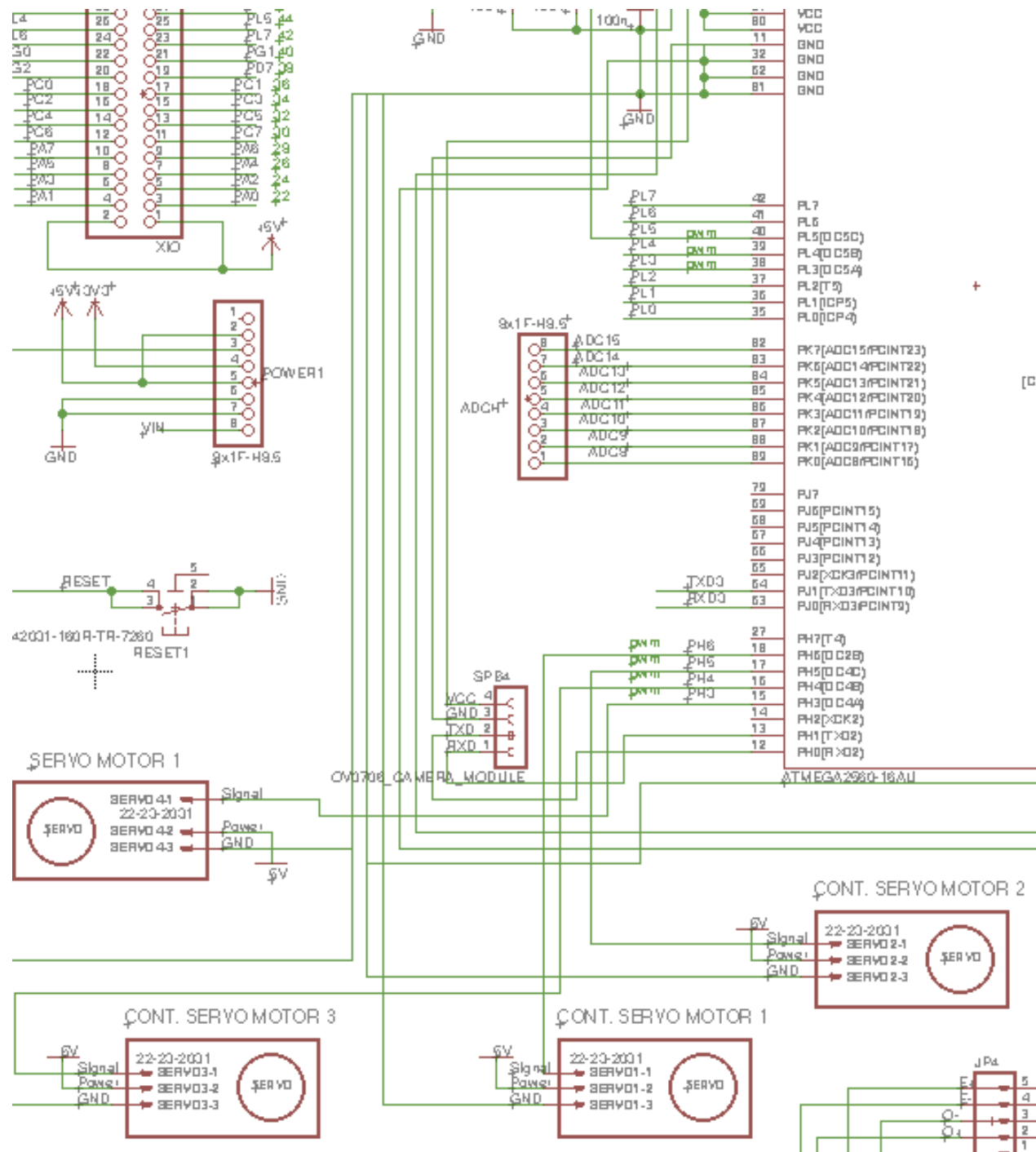


Colpitts Oscillator (Mine detection) Circuit Diagram

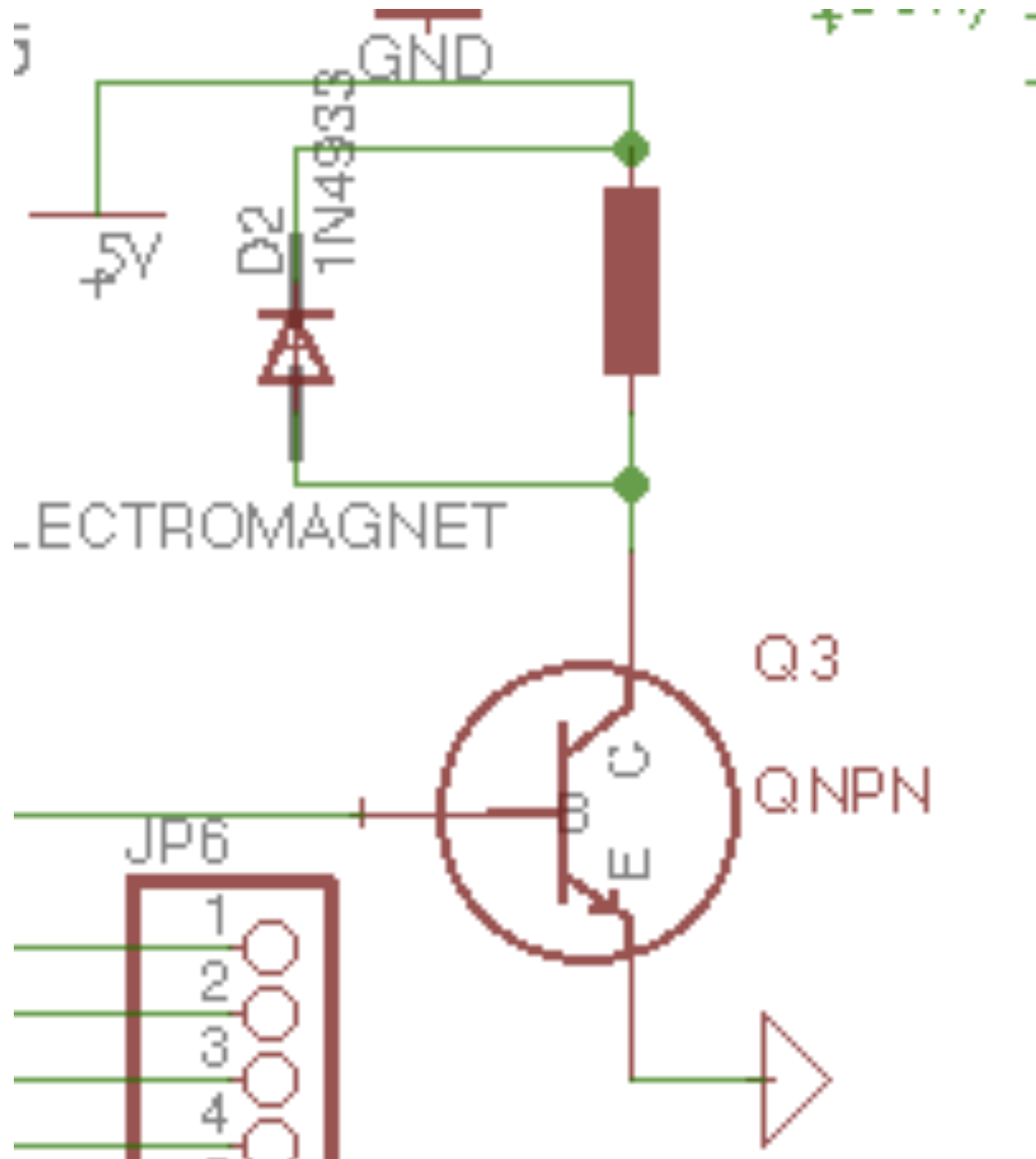


Bluetooth Module connection to Arduino Mega 2560

## Load Cell and Load Cell Amplifier connection, and Load Cell Amplifier connection to Arduino Mega 2560



Three Continuous Servo Motors and Servo Motor connection to Arduino Mega 2560

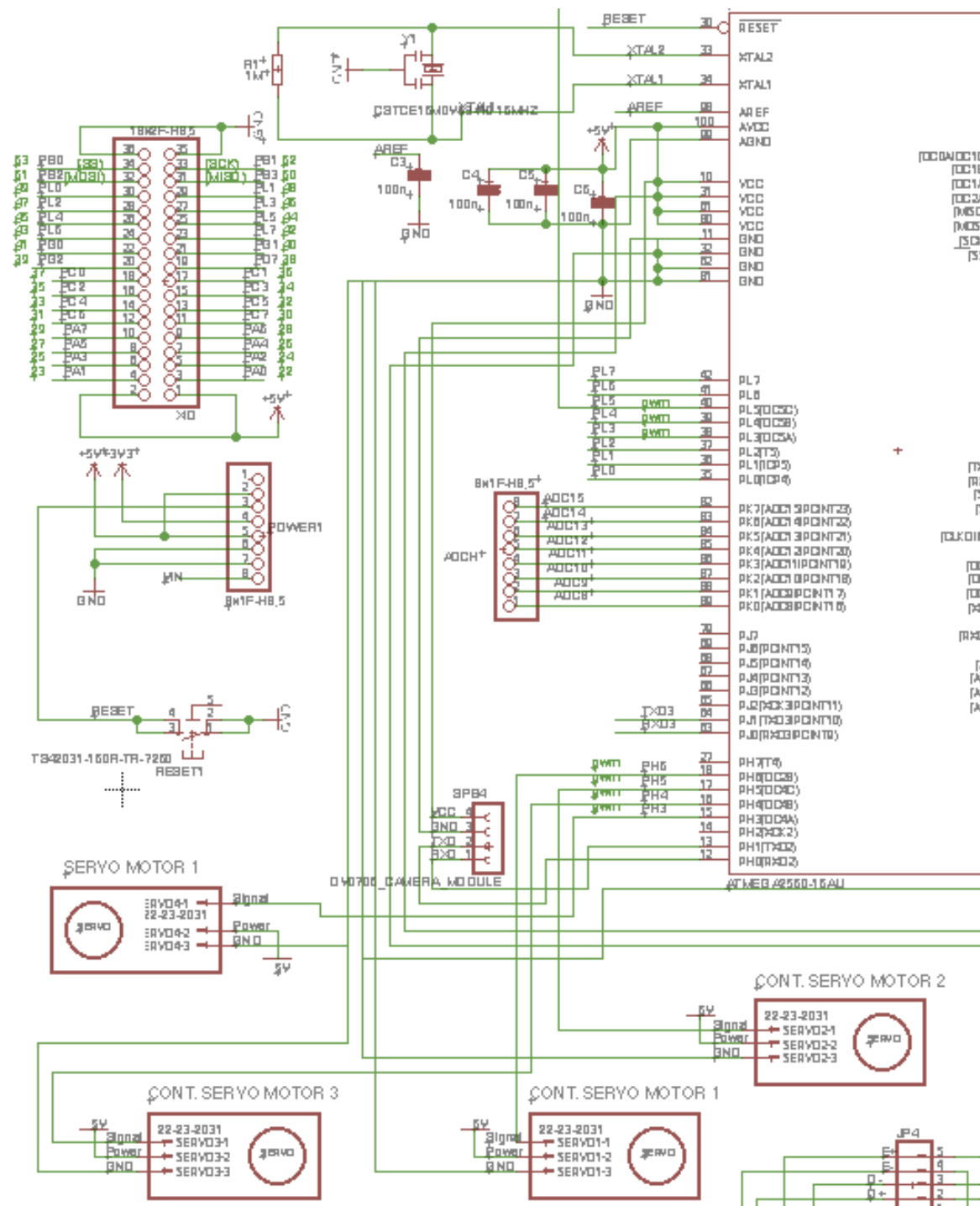


Electromagnet connection with Arduino Mega 2560 (connects with Digital IO pin)



### Close-up of Arduino Mega 2560 pin connections

### Right Side Close-up of Mine Detector Schematic



Left Side Close-Up of Mine Detector Schematic