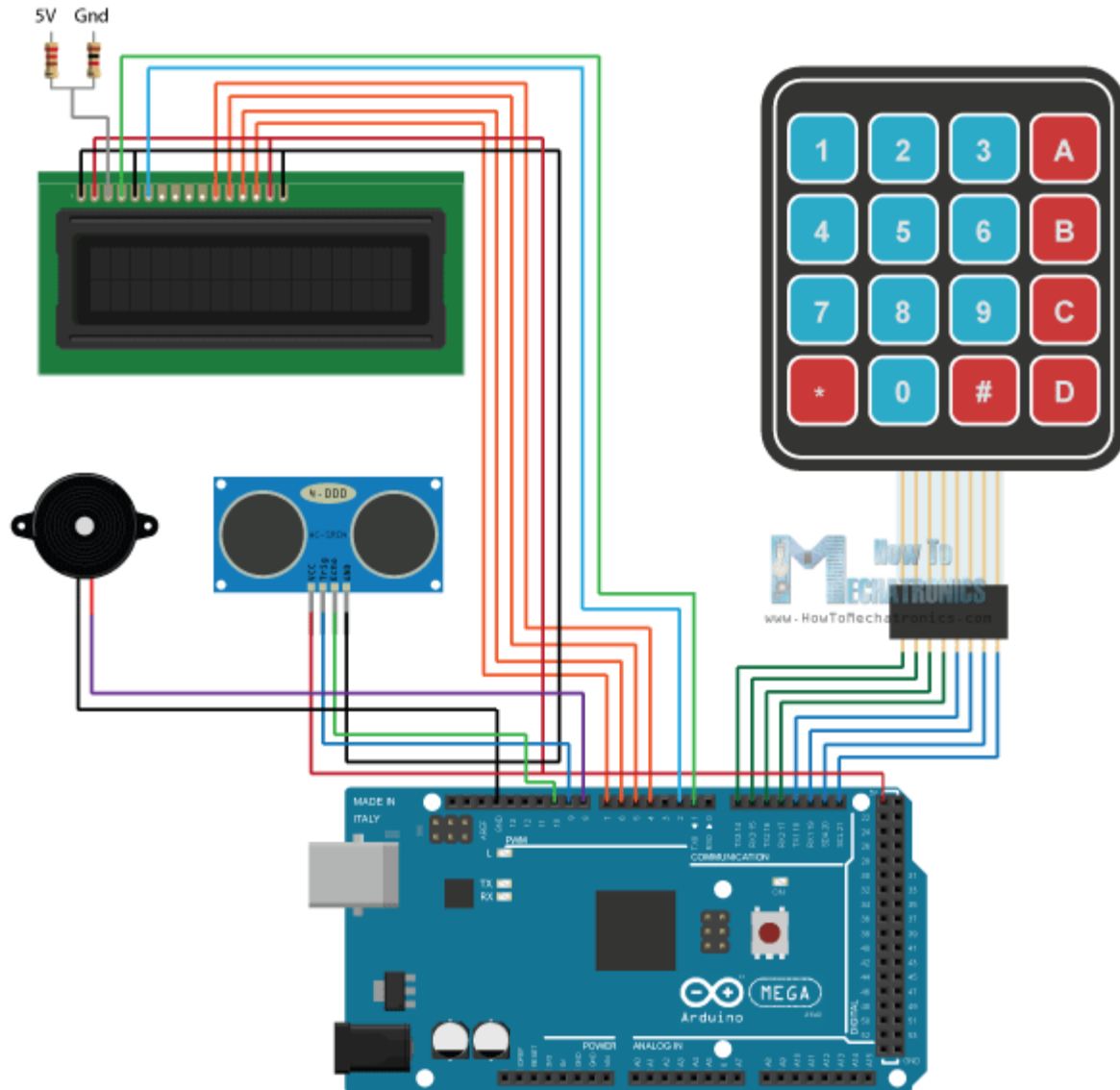


Circuit Schematics

Here's the circuit schematics.



So for the buzzer we need just a single pin but one with PWM support. The 4x4 keypad has 8 pins, 4 of them are for the rows and 4 of them for the columns of the keypad. Each button is actually a push button switch which makes a short between one row and column when pressed.