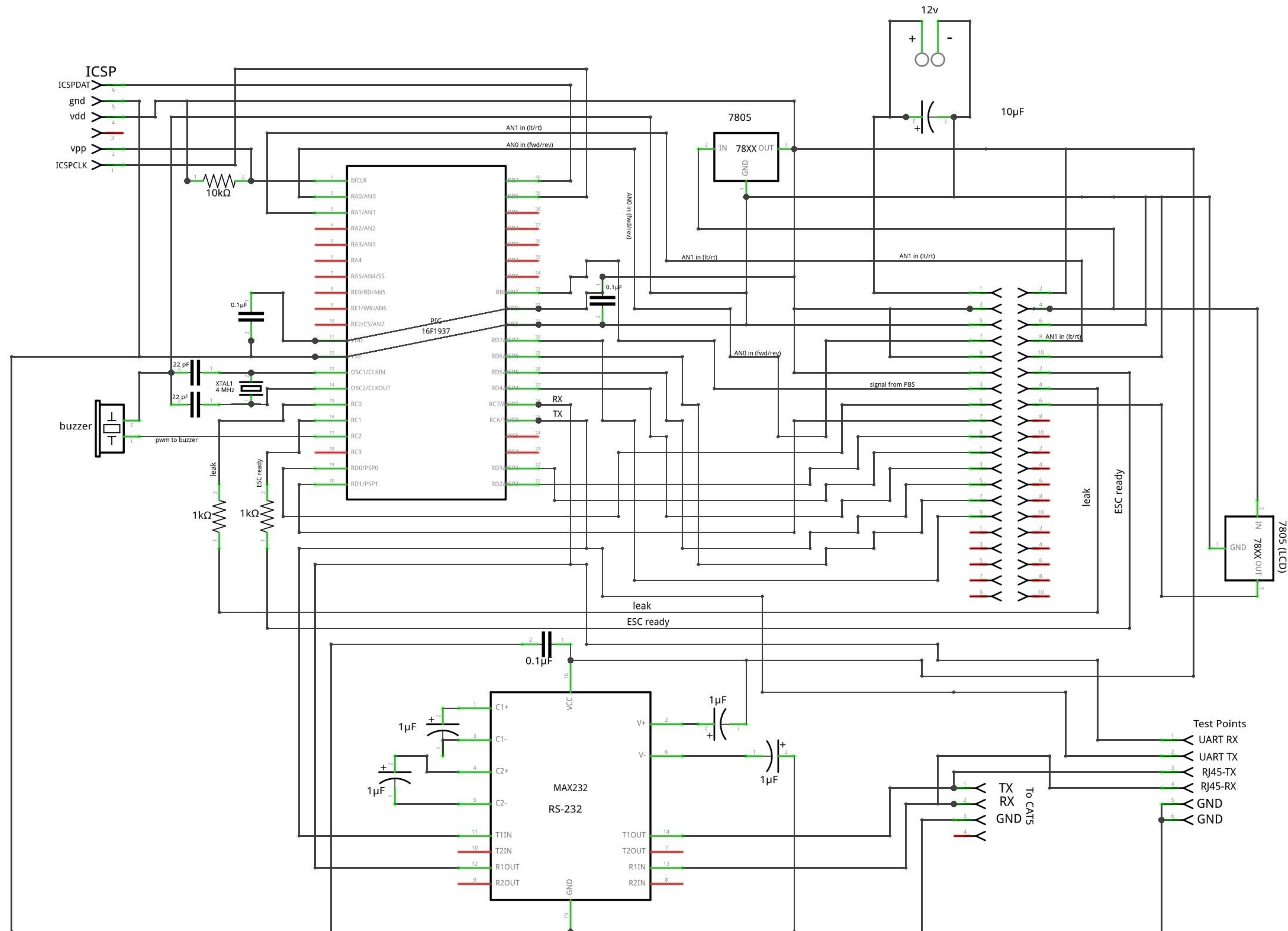


# Main Board (inside control box)



## Ribbon Connector:

- |                       |                        |
|-----------------------|------------------------|
| 12v to switch         | 5v to pot              |
| 5v to pot             | 12v from switch        |
| Gnd to pot            | Gnd to pot             |
| AN0 (fwd/rev)         | AN1 (lt/rt)            |
| 5v to PB switch       | Gnd to rdy ESC rdy LED |
| 5v to pwr on LED      | 5v to ESC rdy LED      |
| signal from PB switch | 5v to LEAK LED         |
| LCD0                  | 5v to LCD              |
| LCD1                  |                        |
| LCD2                  |                        |
| LCD3                  |                        |
| LCD4                  |                        |
| LCD5                  |                        |
| LCD6                  |                        |
| LCD7                  |                        |