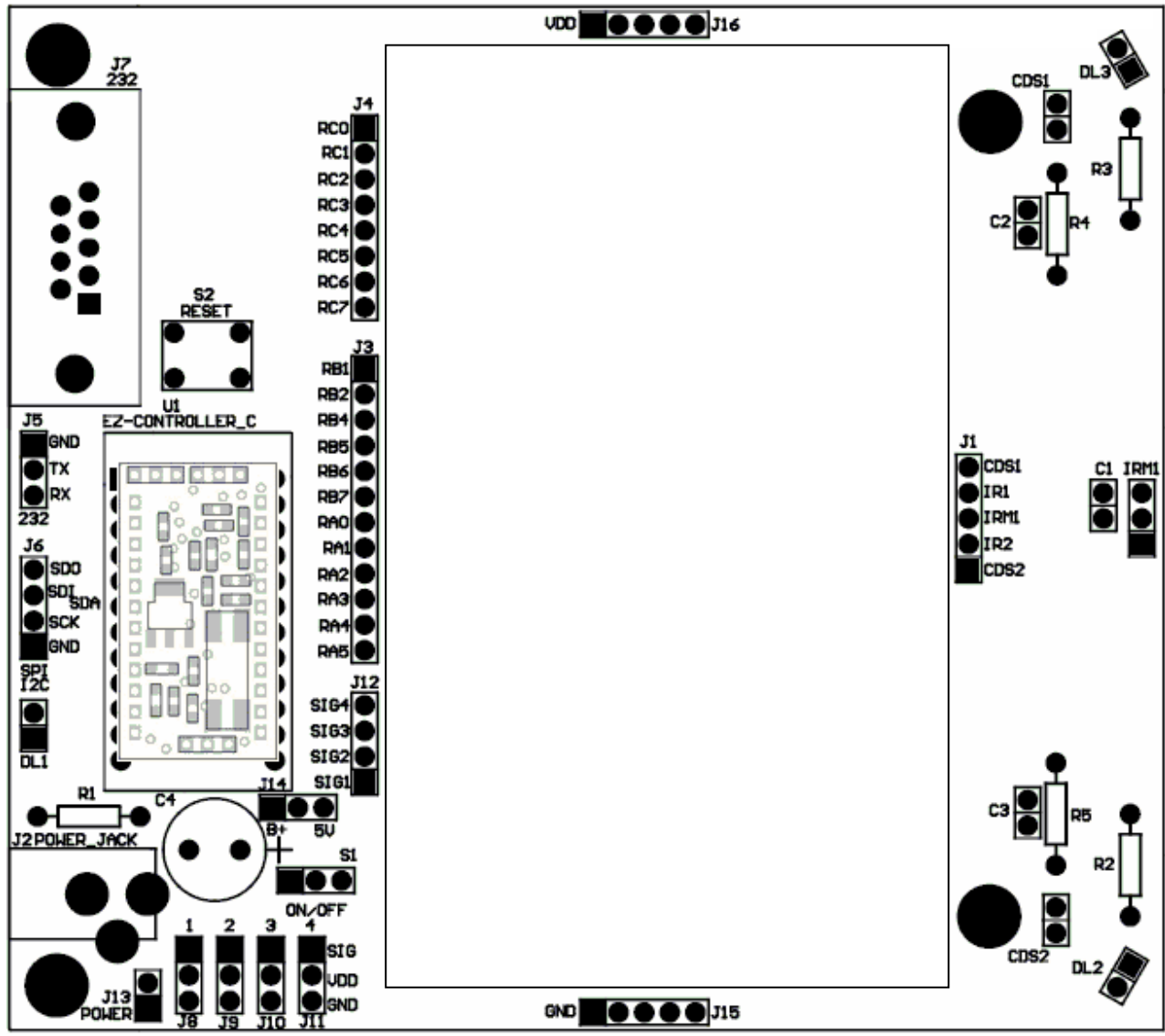


Ez-Controller Development board



1. You **must** insert the EZ-Controller as shown on the picture.
2. J15 provide power GND and J16 provide power VDD (+5V) for the breadboard.
3. You can turn on/off power with the switch S1.
4. J6 is an access to the SPI or I2C port.
5. J5 and J7 are the MCU user dedicated serial port but you still must program the EZ-Controller with its on-board 3 pins connector as shown in the quick reference guide.
6. You can reset at anytime the MCU with the S2 pushbutton.
7. You can power the board on J2 with a positive center jack power supply or with J13. (On J13 negative is at the bottom)
8. If your supply is from 4.5 to 5.5 VDC you **must** set the J14 jumper to 5V. If it is above 6 VDC you **must** set J14 to B+.
9. J12 SIG1, SIG2, SIG3, SIG4 are respectively routed to J8 SIG, J9 SIG, J10 SIG, J11 SIG.
10. J8, J9, J10, J11 GND and VDD can provide power for external needs like servo.
11. If you're using J15, J16, J8, J9, J10, J11 power and the J14 jumper is set to 5V you **must** ensure to not exceed maximum current and power of the EZ-Controller on-board regulator. (500mA, 1Watt)