NOTES:
- VIN should be greater than 8V to operate Motors
- otherwise VIN should be greater than 7V (verify)
- VCC max operating current is 1.5A

TODO:
- Add mosfet for speaker line?
- +5 change to +5V
- * fix ground flood at special pin
- * add jumper in line servo power
- * replace S2 w/ slider
- * solve boot on usb problem
- * add 8MHz x-tal
- * add reset to SPI port
- * possibly remove C6 to avoid coupling