

Resistance of white led

Pg 197 of the PIC16F1459 Datasheet has information about the SPI module

Notes:

- Make sure to disconnect the servo when usb is plugged in (current draw overload)
- Use 200 μ Farad Capacitor for servo current draw
- First 3 PS2 pins are in one header, next 4 pins are in another header. Last 2 pins are not used
- Removed the extra switch
- Only portA and B have internal pullup
- Turned the debug led into 2 separate headlight leds
- Split up tilt switch pins
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Notes:

CuriousInventors and InterfacePDF both use the SPI Module through SDI and SDO

Circuit Design:

1. Physical Constraints
2. Circuit Specs. (inputs/outputs, size of microcontroller)
3. Individual Circuits
 - a. E.g. Input Circuit, output circuit