

Title: Modules

Size: A3

Number: 2

Revision: Rev 1

Date: 9/12/2015

Time: 12:54:51 PM

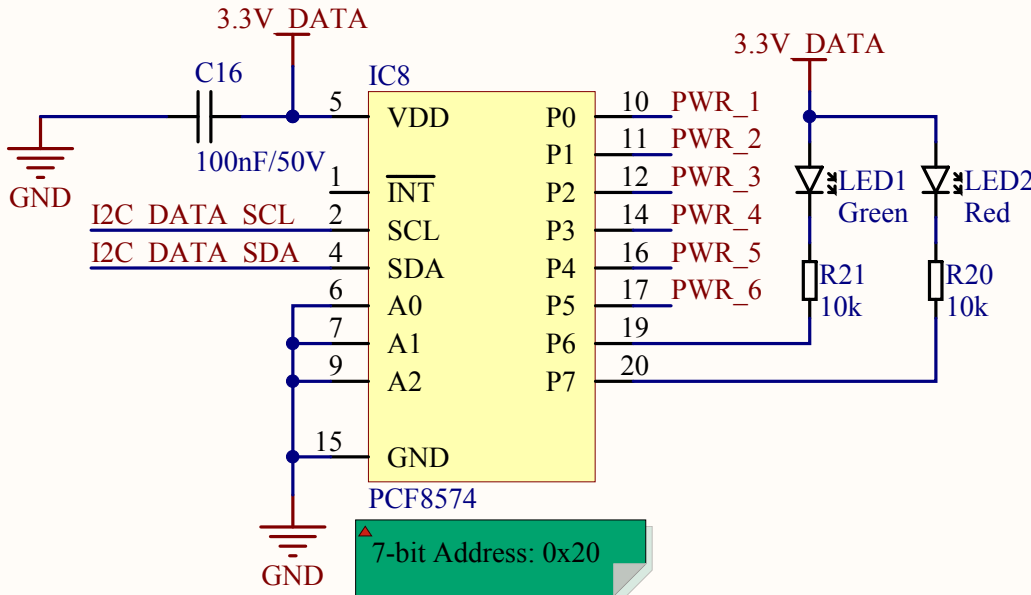
Sheet 2 of 3

File: Modules Schematic.SchDoc

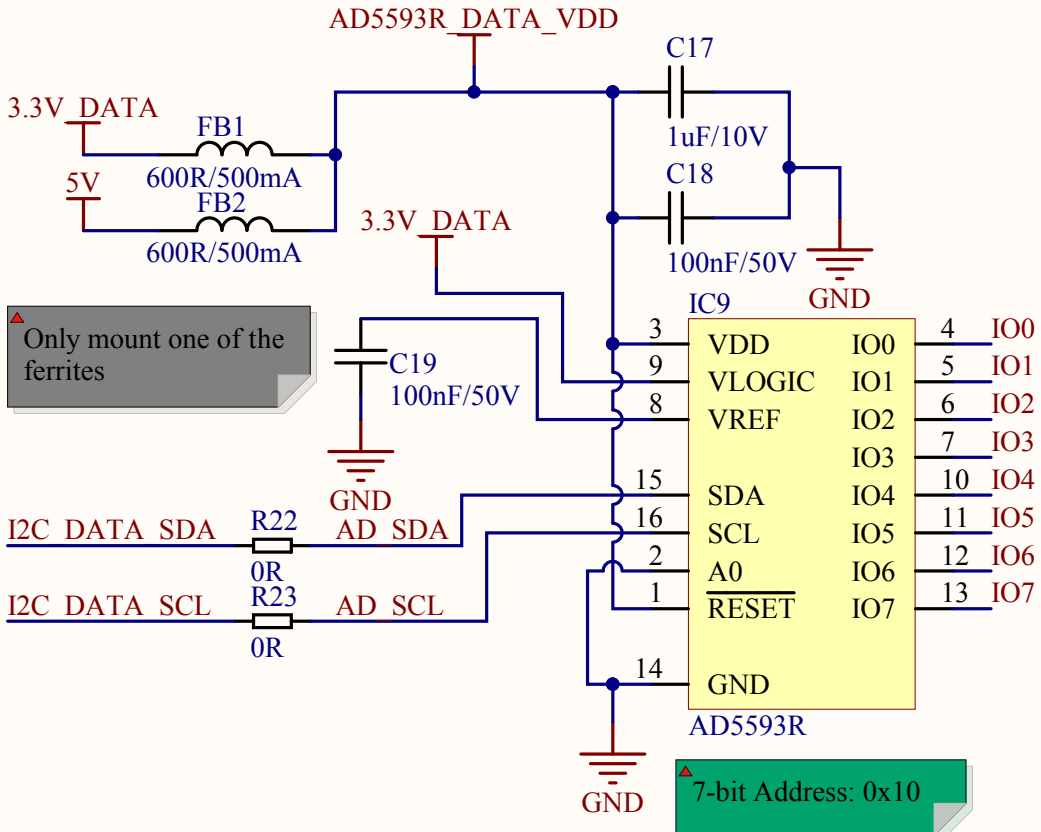
- Notes
- Calculations
- Important Note
- Software Note
- Mounting Note
- To fix

Data Processor Board

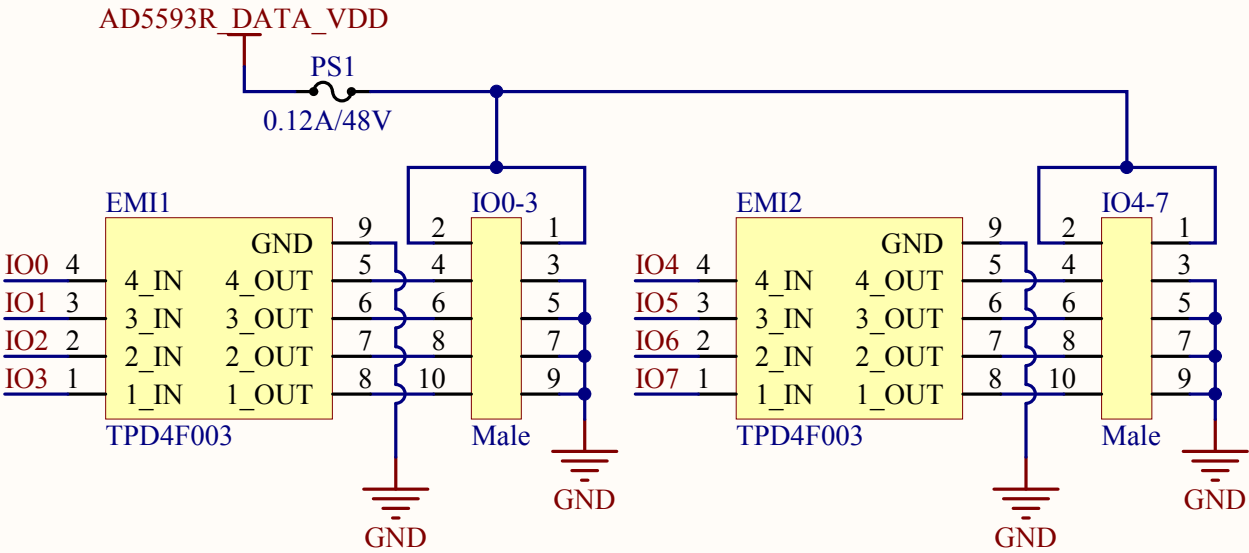
PWR IO Expander



Replace PCF8574 with other expander. PCF8574 only has a weak pull-up which can't pull the PWR_n lines HIGH when there is a pull-down resistor on them. Solved by removing the resistor.



AD5593R Circuit



UI Processor Board

Temperature Sensor

