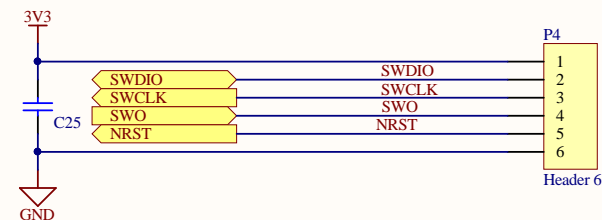
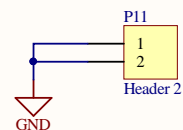
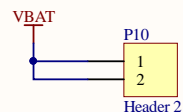
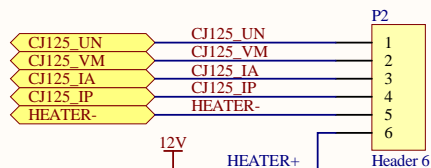
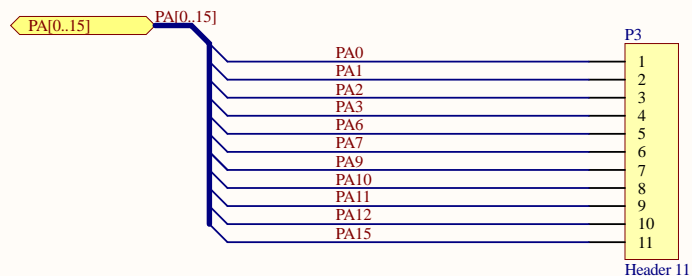


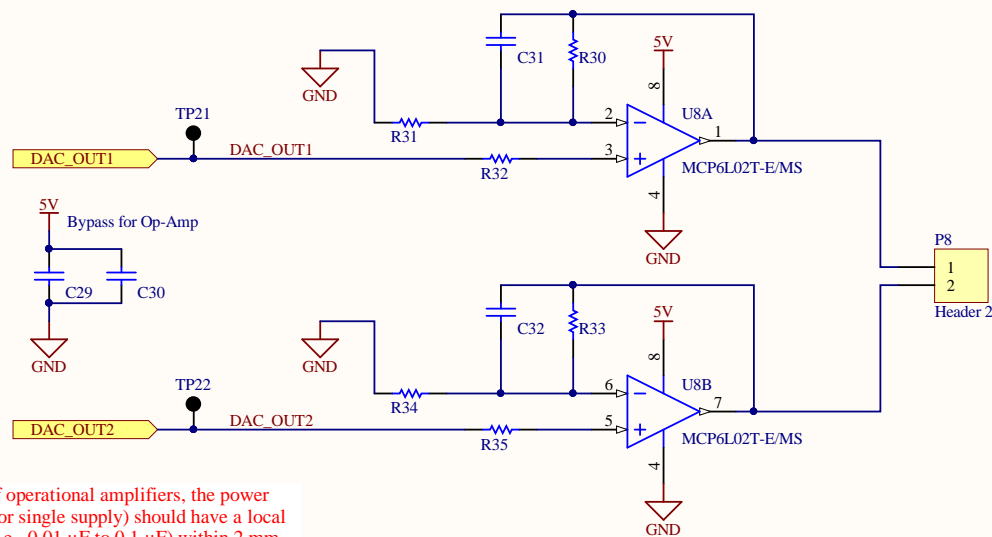
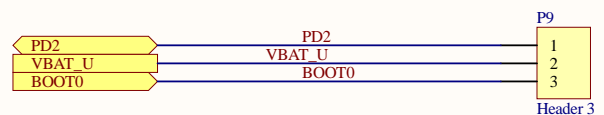
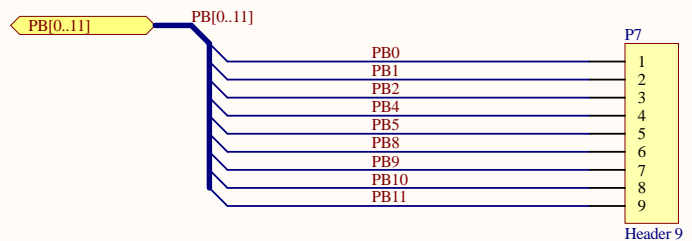
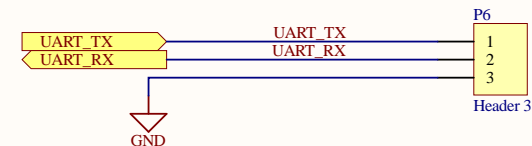
Why pull UR and UA low?  
Should I pull RST low? R23

Title: CJ125 Breakout			
Project: Lambda Oxygen Sensor Interface			
Date: 9/19/2018	Time: 5:08:00 PM	Sheet 2 of 2	File: sensor.schDoc



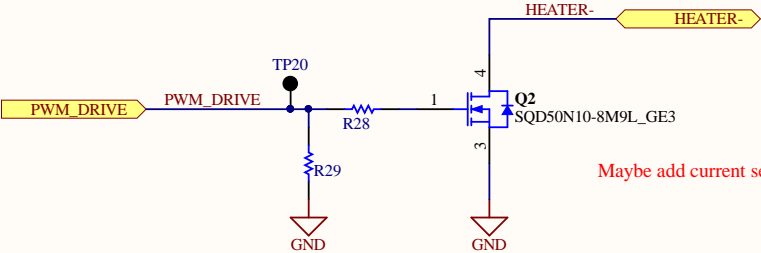


Does UART need reference voltage?



With this family of operational amplifiers, the power supply pin (VDD for single supply) should have a local bypass capacitor (i.e., 0.01  $\mu$ F to 0.1  $\mu$ F) within 2 mm for good high-frequency performance. It also needs a bulk capacitor (i.e., 1  $\mu$ F or larger) within 100 mm to provide large, slow currents. This bulk capacitor can be shared with other nearby analog parts.

MOSFET driver for high side to overcome input capacitance



Maybe add current sensor and impedance measurement

Title: *				
Project: Lambda Oxygen Sensor Interface				
Date: 9/19/2018	Time: 5:08:00 PM	Sheet * of *	File: heater.SchDoc	

