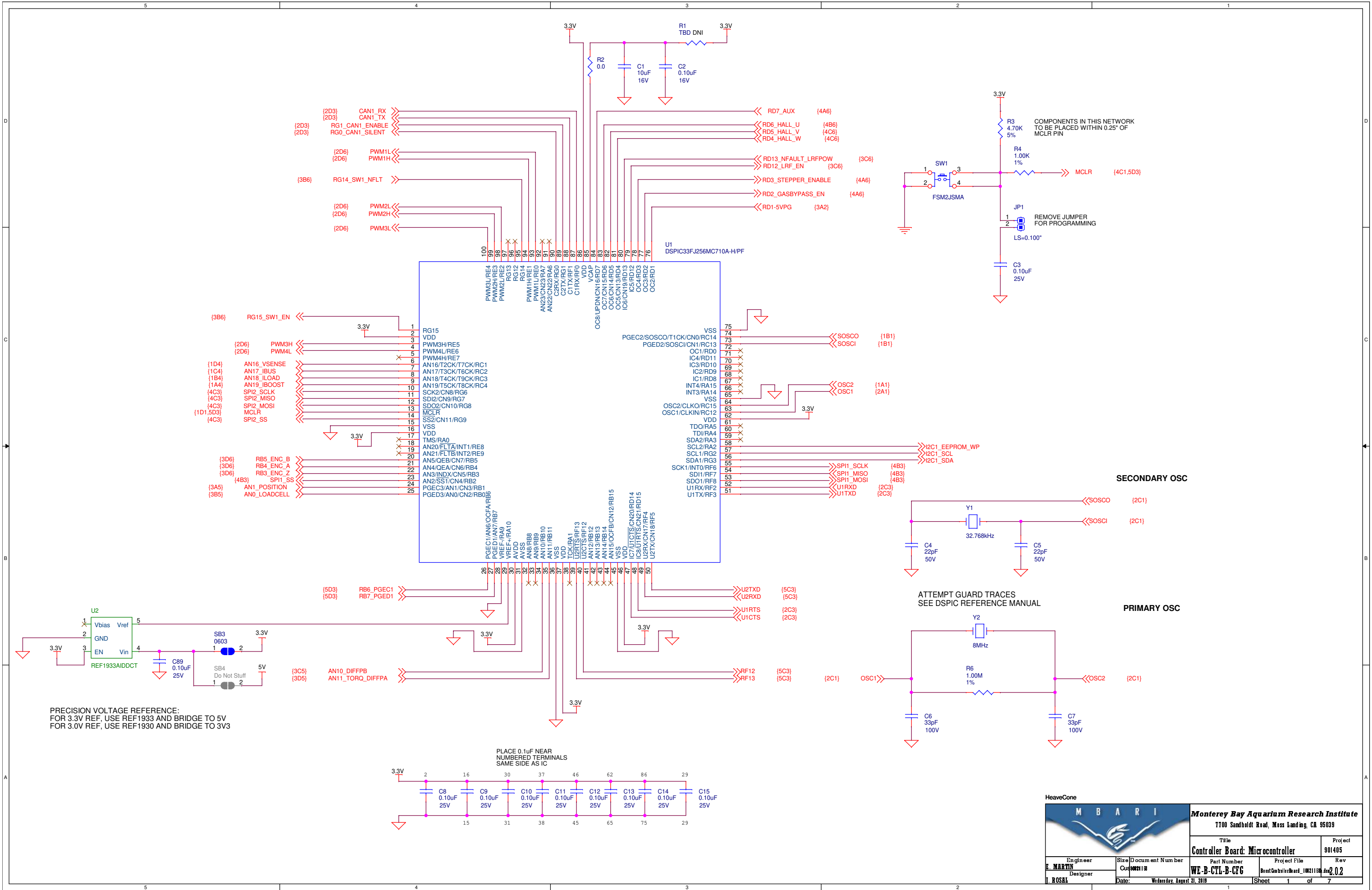




HeaveCone



Monterey Bay Aquarium Research Institute
7700 Sandholdt Road, Moss Landing, CA 95039

Title
Controller Board: Microcontroller

Project
901405

Engineer
E. MARTIN

Size/Document Number
Cus000118

Part Number
WE-B-CTL-B-CFG

Project File
Boost Controller Board_100211601.docx

Rev
2.0.2

Designer
T. ROSAL

Date
Wednesday, August 21, 2019

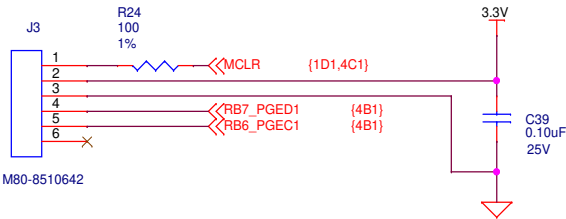
Sheet
1 of 7



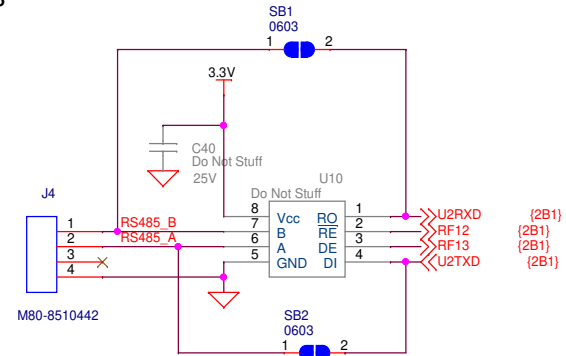
Monterey Bay Aquarium Research Institute
7700 Sandholdt Road, Moss Landing, CA 95039

		Title		Project	
		Controller Board: Power Supply		901405	
Engineer	Size	Document Number	Part Number	Project File	Rev
E. MARTIN	C	10021168	WE-B-CTL-B-CFC	Boat Controller Board_10021168	2.0.2
Designer	Date:	Wednesday, August 21, 2019		Sheet	2 of 7
J. ROSAL					

MPLAB ICD CONNECTOR

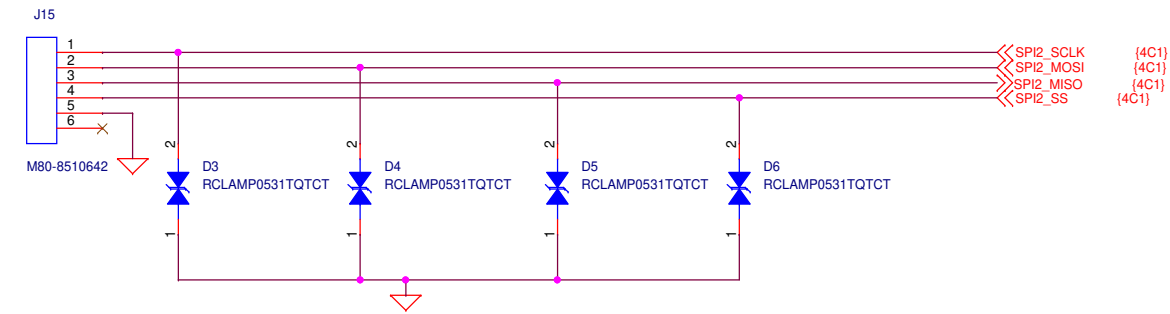


RS485

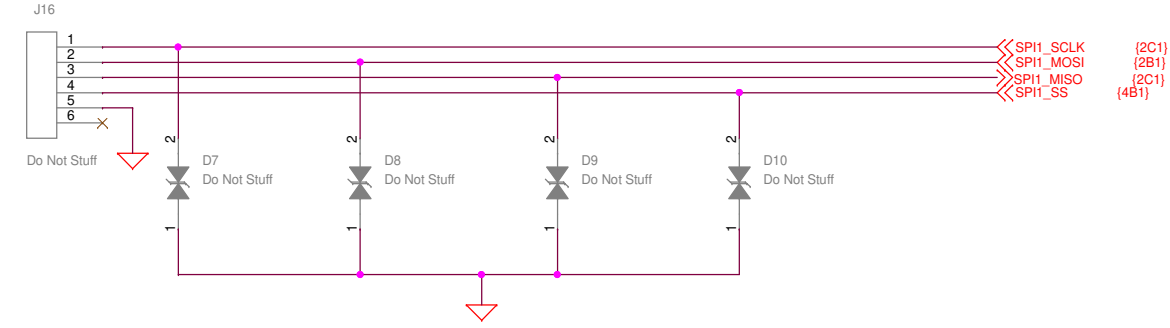


NOTE:
FOR HEAVE CONE CONFIGURATION
- DNI: U10, C40
- Connect SB1 & SB2

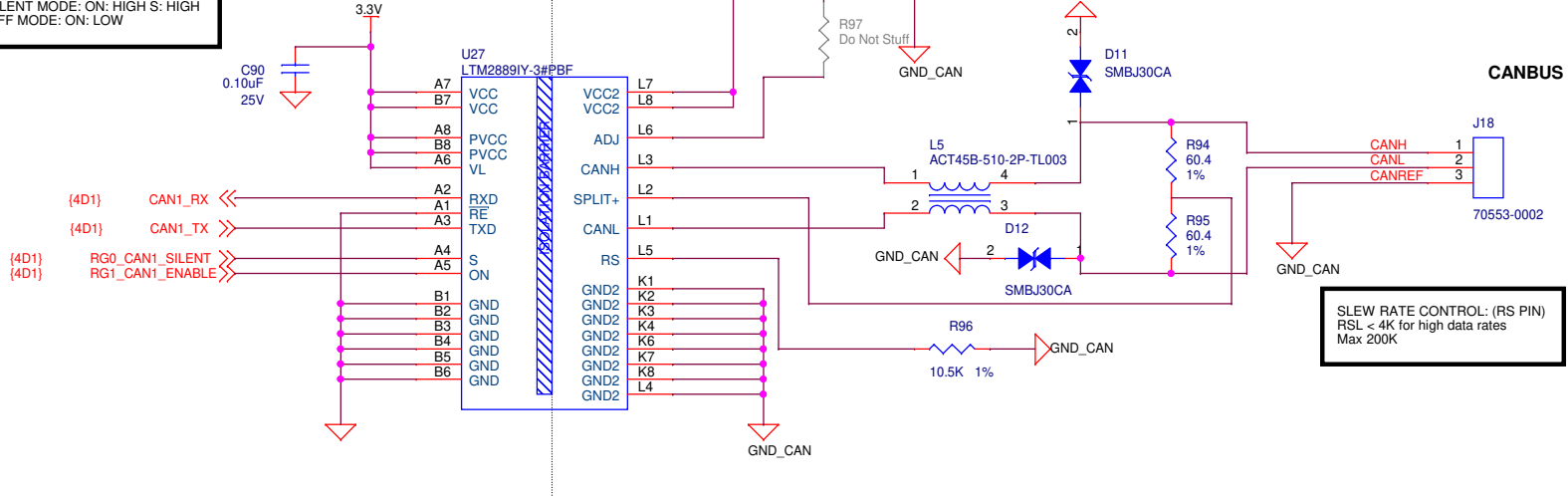
SPI1



SPI2

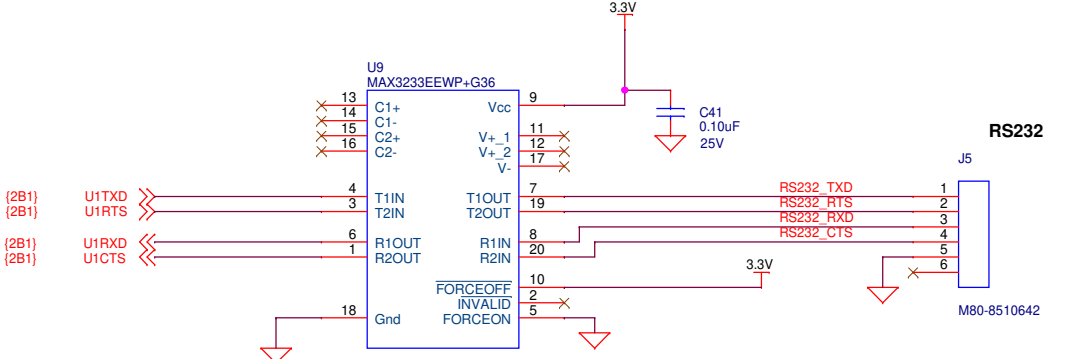


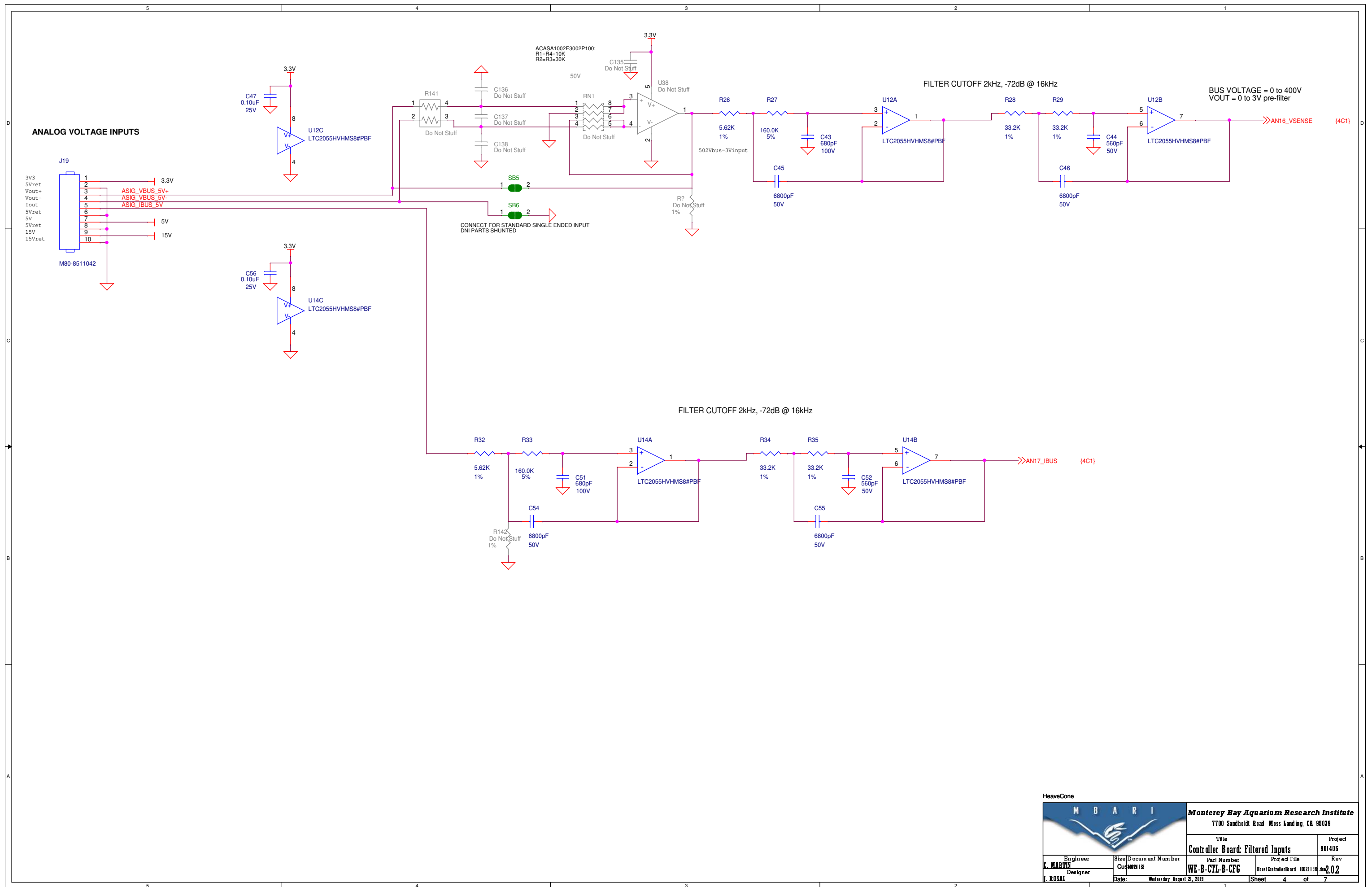
CAN MODES:
- NORMAL MODE: ON: HIGH S: LOW
- SILENT MODE: ON: HIGH S: HIGH
- OFF MODE: ON: LOW

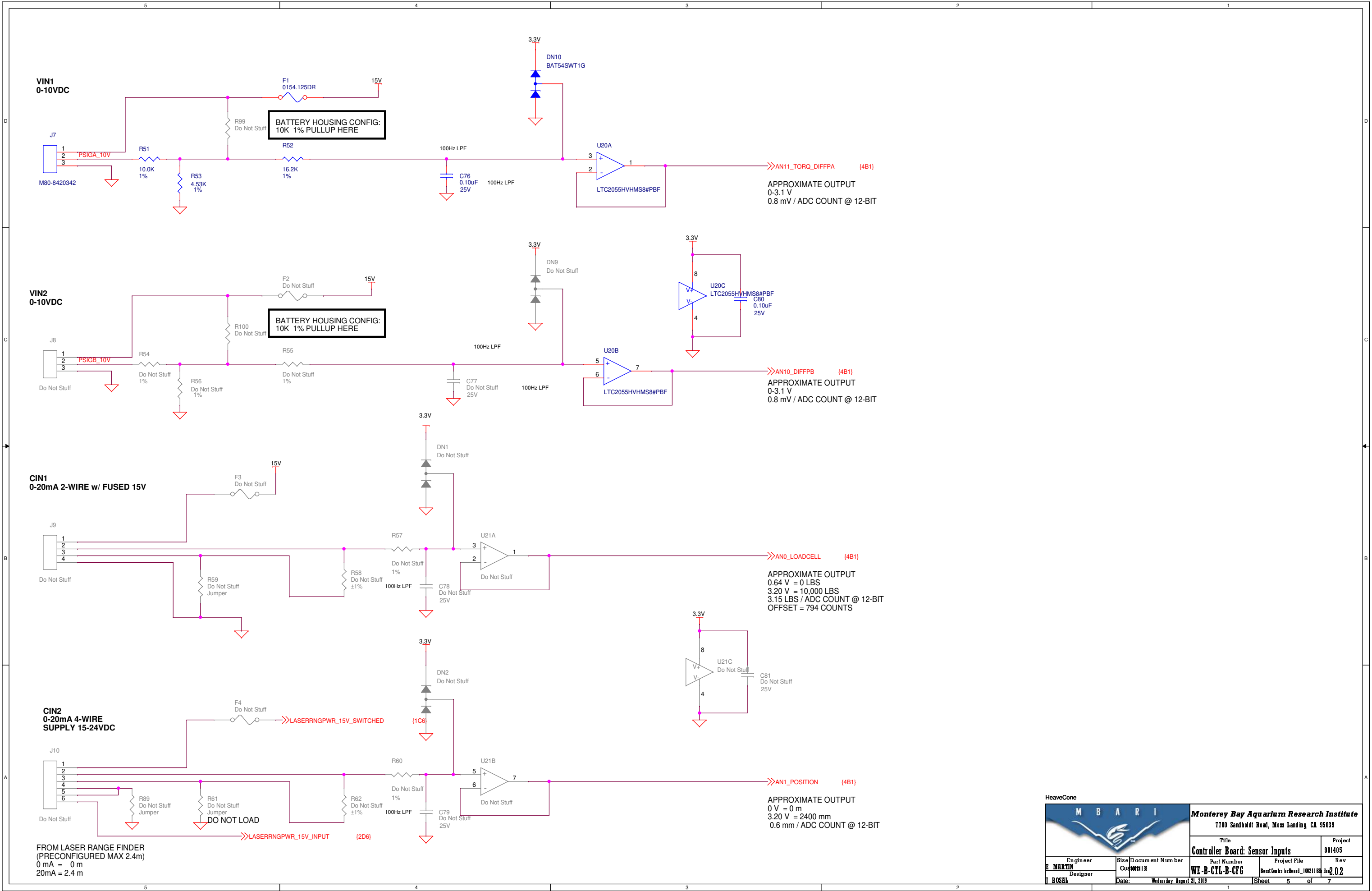


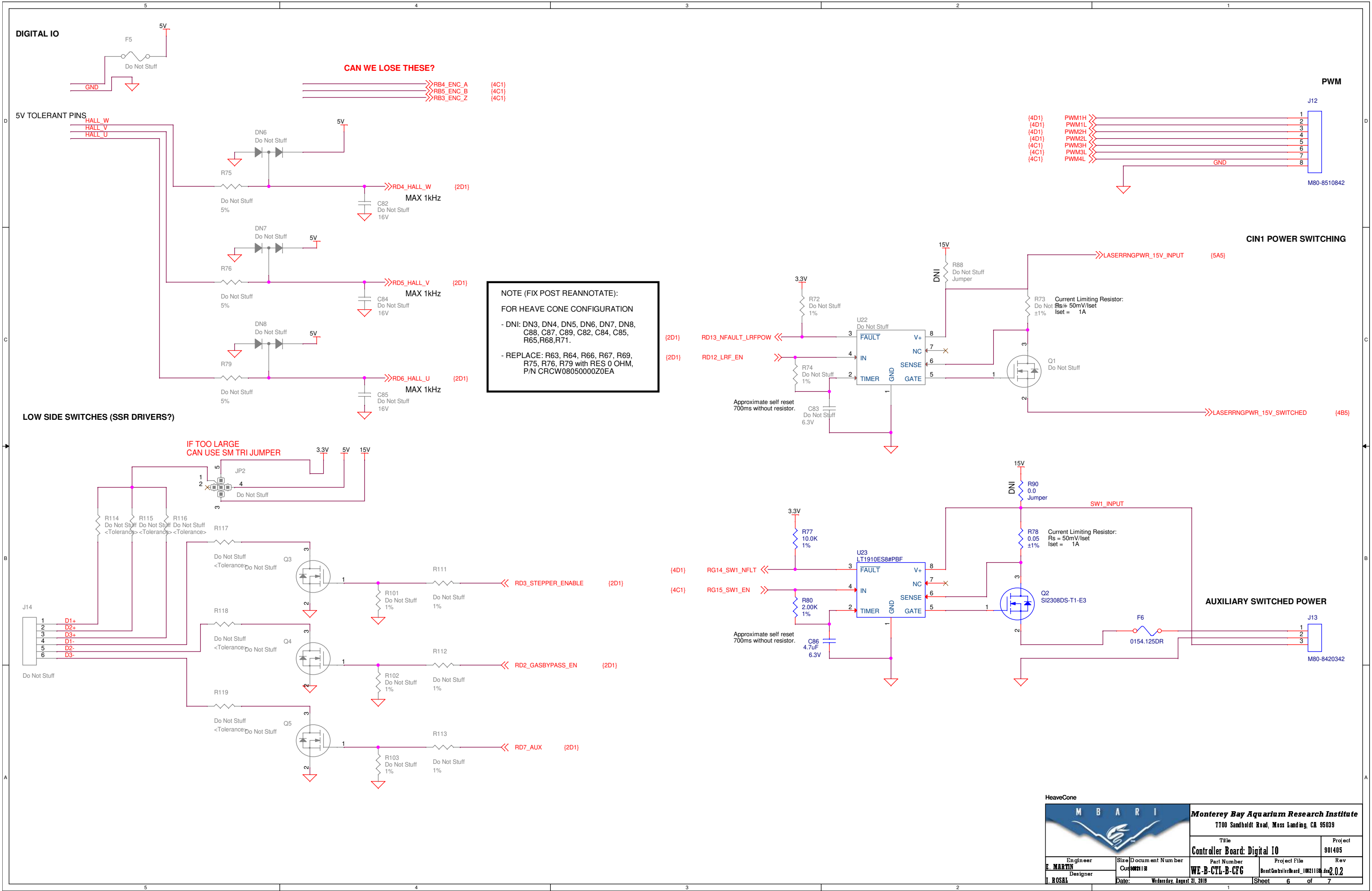
BUS VOLTAGE ADJ:
DNI FOR 5V CANBUS
56.2K & 13.0K FOR 3.3V

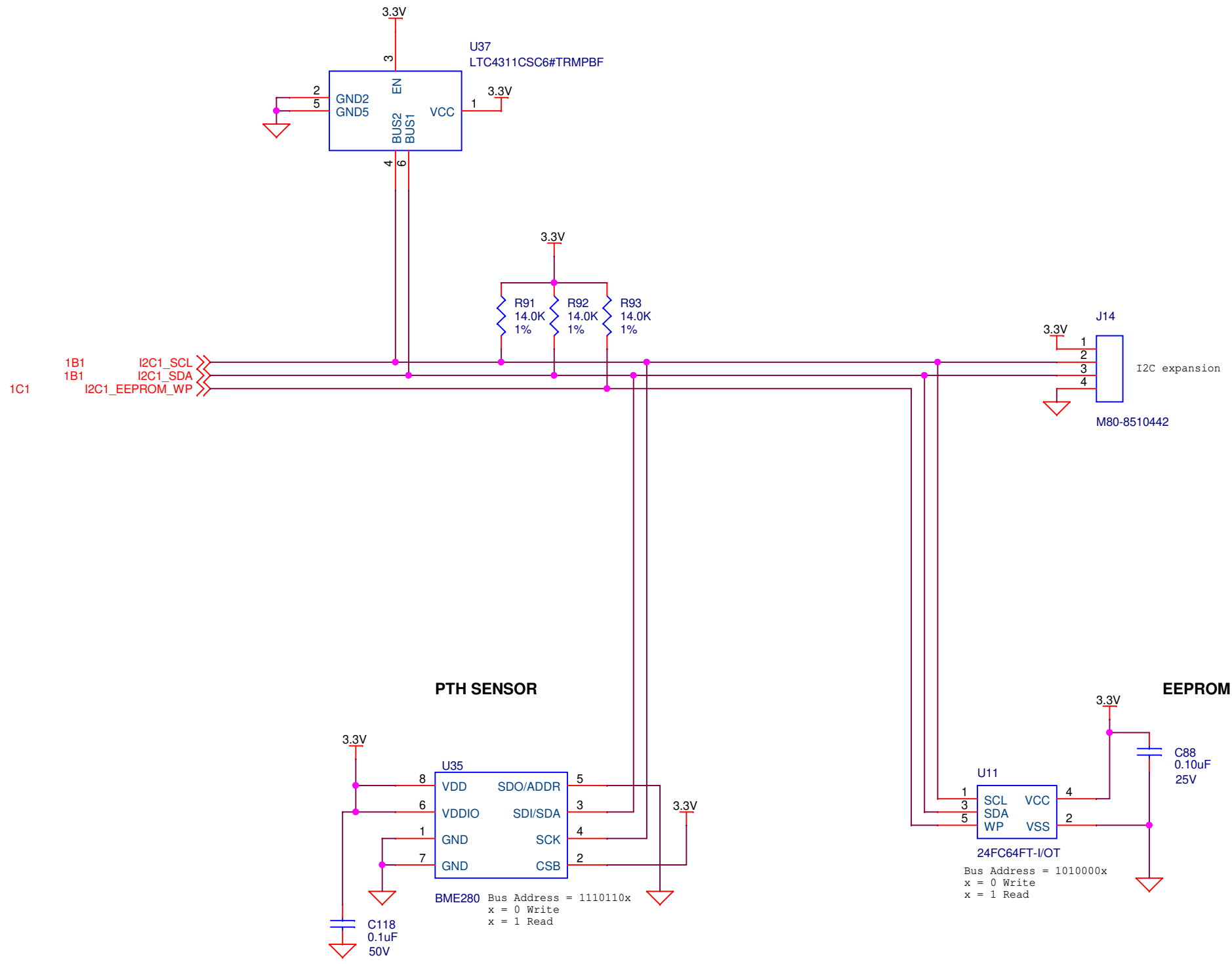
SLEW RATE CONTROL: (RS PIN)
RSL < 4K for high data rates
Max 200K











HeaveCone

		Monterey Bay Aquarium Research Institute 7700 Sandholdt Road, Moss Landing, CA 95039			
		Title Controller Board: I2C Devices		Project 901405	
Engineer E. MARTIN	Size B	Document Number 10021168	Part Number WE-B-CTL-B-CFG	Project File BoostControllerBoard_10021168.dcm	Rev 2.02
Designer I. ROSAL	Date: Wednesday, August 21, 2019	Sheet 7		of 7	