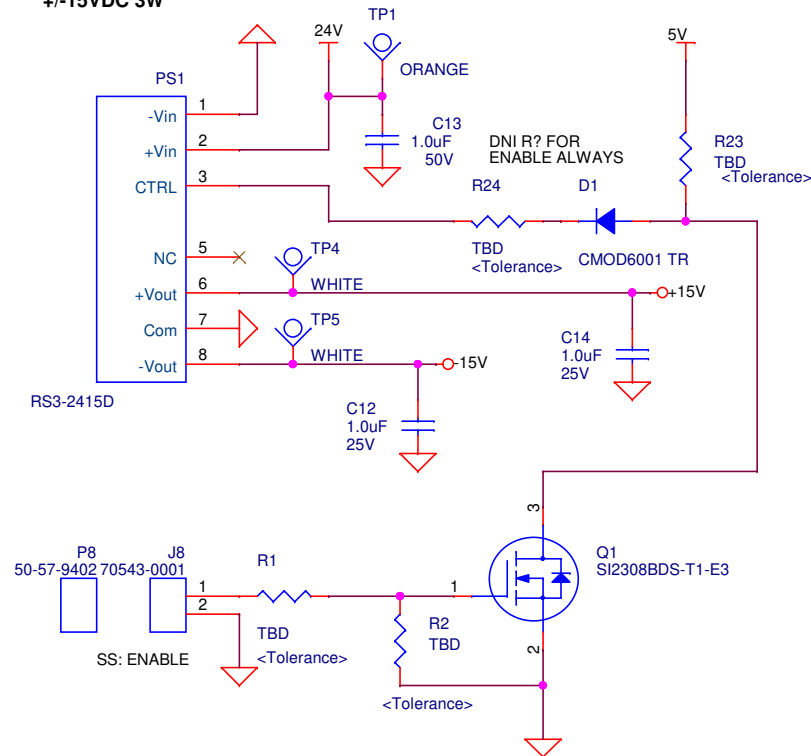
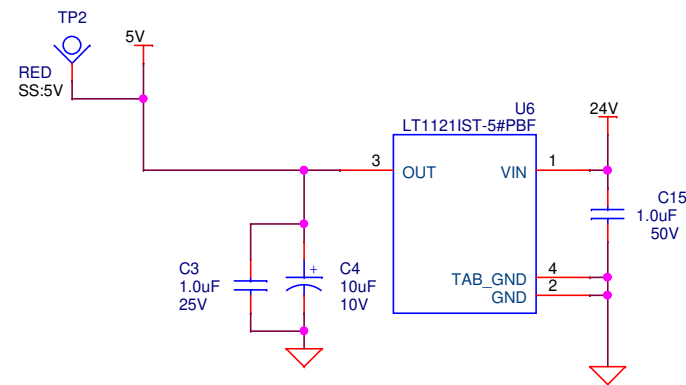


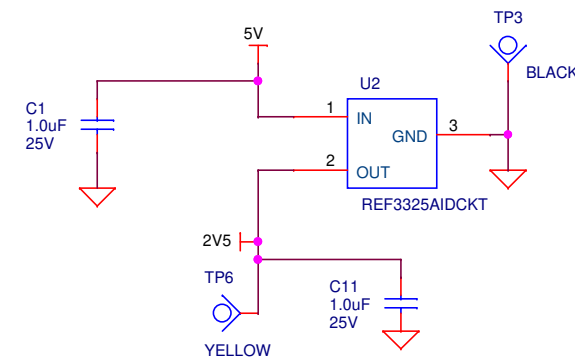
±15VDC 3W



5VDC 150mA



2.5V 10mA



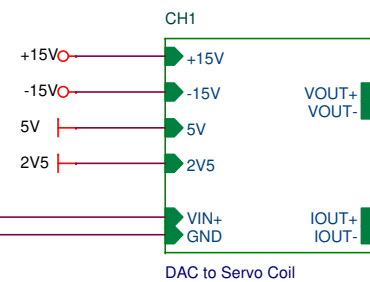
CHANNEL INPUTS
DESIGNED TO MATCH
MINI ROV PIC LIGHT CONTROLLER
DAC OUTPUTS

CH1 0-5V Input
SS: CH1_IN

P3
1826982

J3
1803439

CH1



OUTPUTS ARE JUMPER SELECTABLE
SEE PAGE 2

J2
1803426

P2
1826979

CH1 ±10V Output
SS: CH1_VOUT

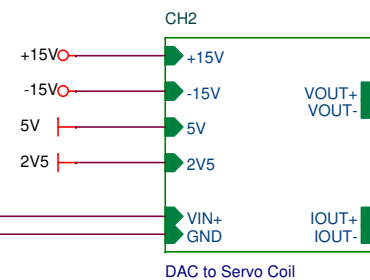
CH1 ±<X> mA
10, 20, 40 mA Selectable Output
SS: CH1_IOUT

CH2 0-5V Input
SS: CH2_IN

P6
1826982

J6
1803439

CH2



OUTPUTS ARE JUMPER SELECTABLE
SEE PAGE 3

J5
1803426

P5
1826979

CH2 ±10V Output
SS: CH2_VOUT

CH2 ±<X> mA
10, 20, 40 mA Selectable Output
SS: CH2_IOUT

JUMPER REFERENCE TABLE

JP1 SELECT ±15V DCDC ENABLE[H] // DI CTL[L]
JP2 CH1 [1-2] ±10V Output // [2-3] Current Output
JP3 CH1 40mA Coil
JP4 CH1 20mA Coil
JP5 CH1 10mA Coil
JP6 CH2 [1-2] ±10V Output // [2-3] Current Output
JP7 CH2 40mA Coil
JP8 CH2 20mA Coil
JP9 CH2 10mA Coil

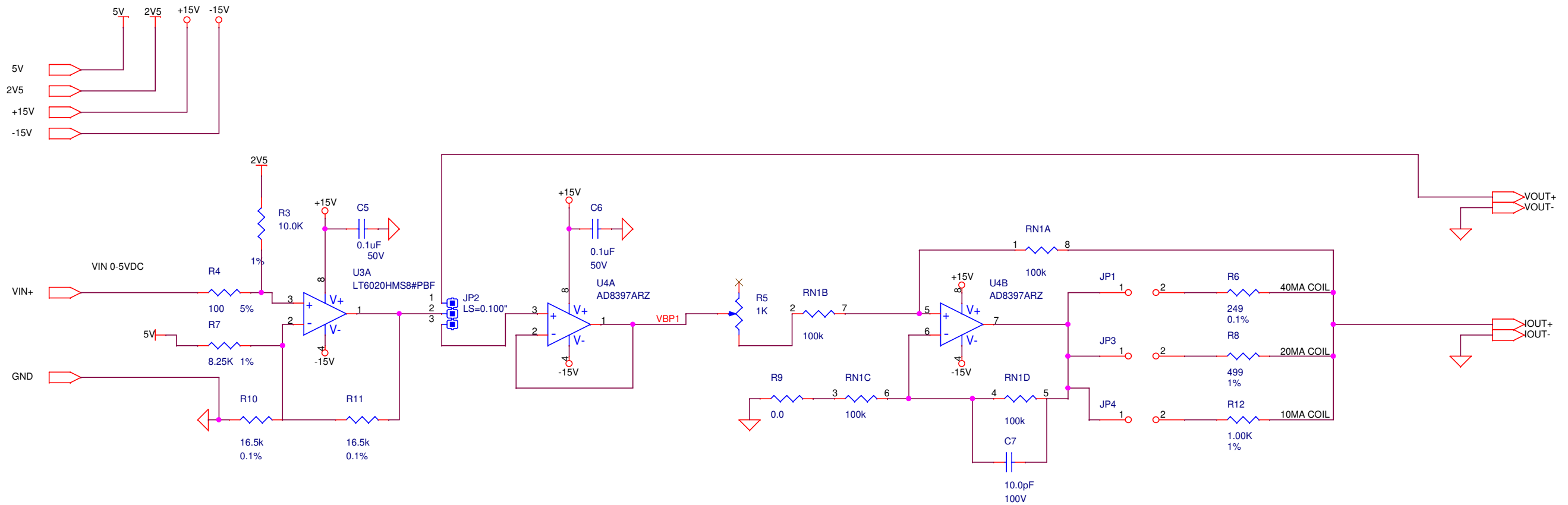
CHOOSE ONE

CHOOSE ONE

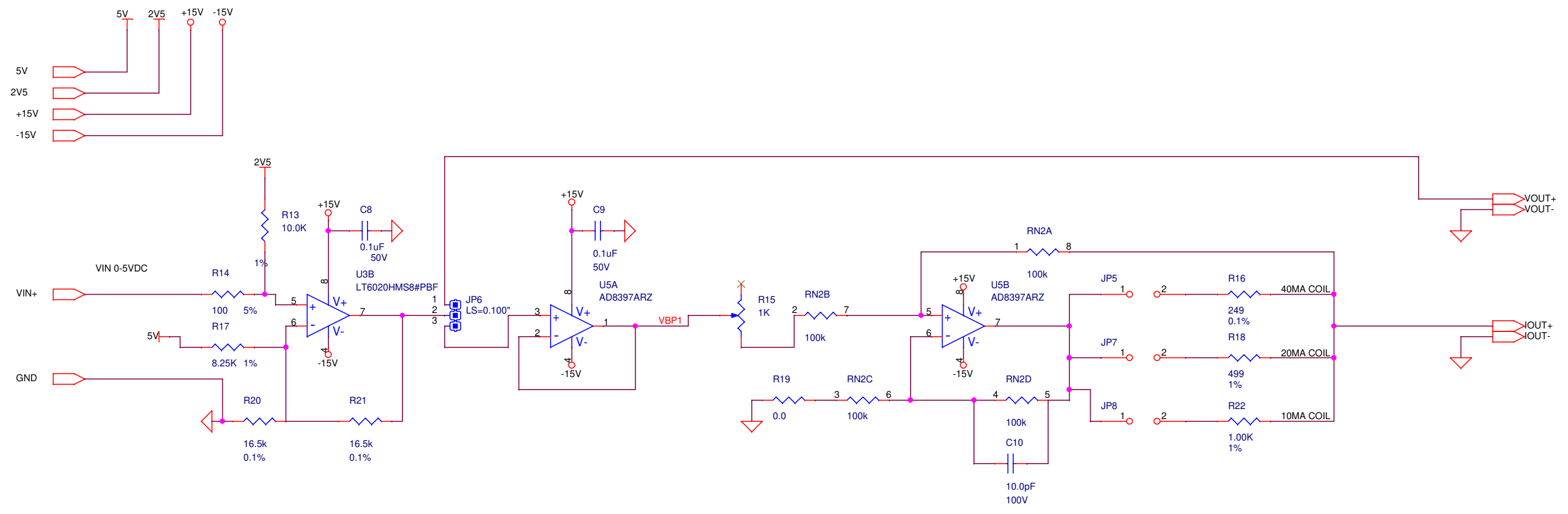


Monterey Bay Aquarium Research Institute
7700 Sandholdt Road, Moss Landing, CA 95039

Title		Project	
DAC Multichannel Coil Interface		901101	
Engineer	Size	Document Number	Part Number
E. Martin	C	100221333	DAC2SERVO
Designer	Date:	Monday, June 03, 2008	Project File
<Designer>			m_servocontroller.bsn
		Sheet	Rev
		1	1.1
		of	
		3	



		Monterey Bay Aquarium Research Institute 7700 Sandholdt Road, Moss Landing, CA 95039	
		Title DAC Channel Conversion to Servo Coil	Project 901101
Engineer E. Martin	Size C	Document Number 100221333	Part Number DAC2SERVO
Designer <Designer>	Date: Monday, April 22, 2016	Project File 01_SERVOCOILDRIVE.DSN	Rev 1
		Sheet 2 of 3	



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		Title DAC Channel Conversion to Servo Coil	Project 901101
Engineer E. Martin	Size C	Document Number 100221333	Part Number DAC2SERVO
Designer <Designer>	Date: Monday, April 22, 2016	Project File 01_SERVOCOILDRIVE.DSN	Rev 1
		Sheet 3	of 3