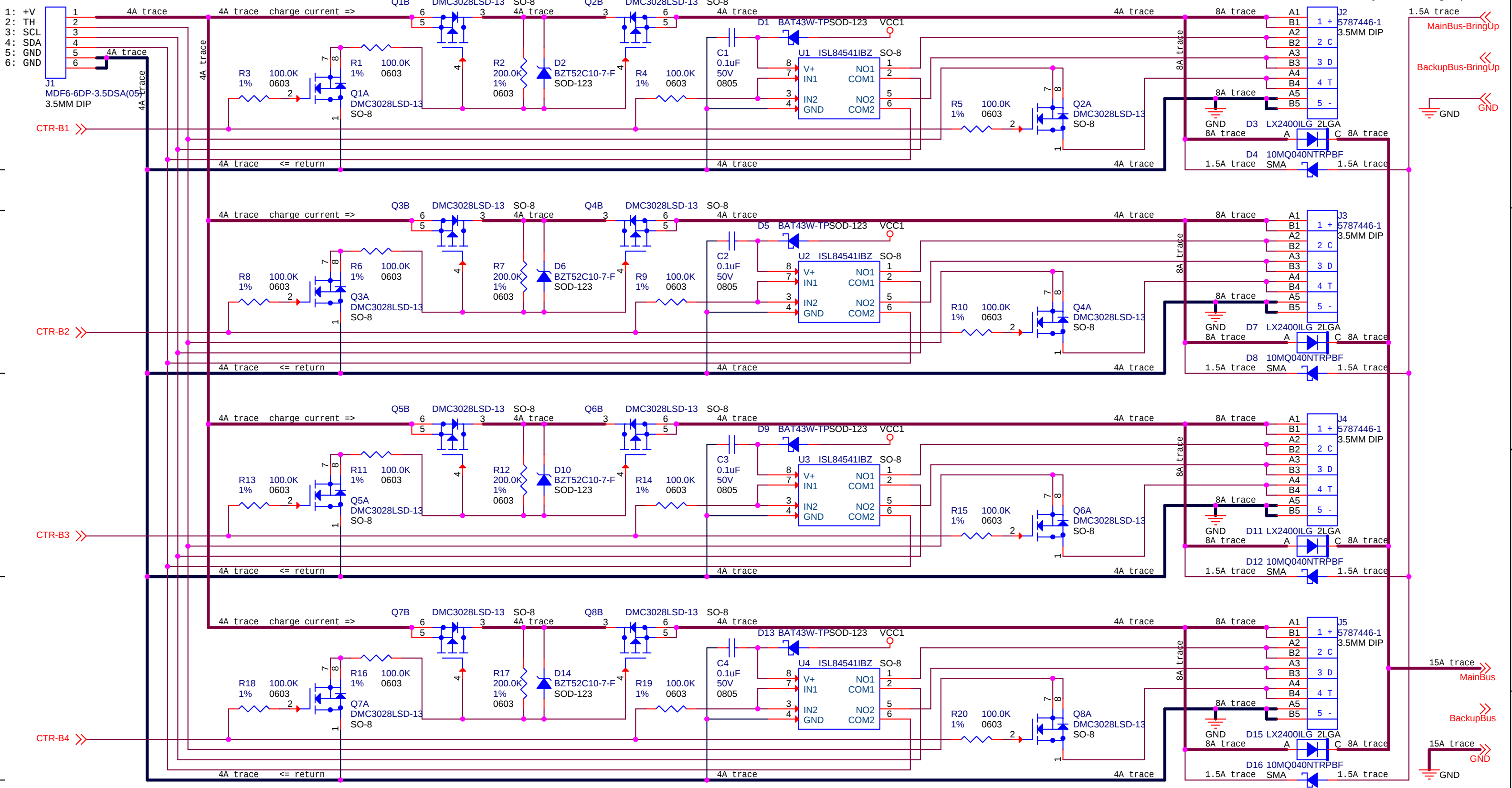


Charge Port
Ocean Server XP-08SR



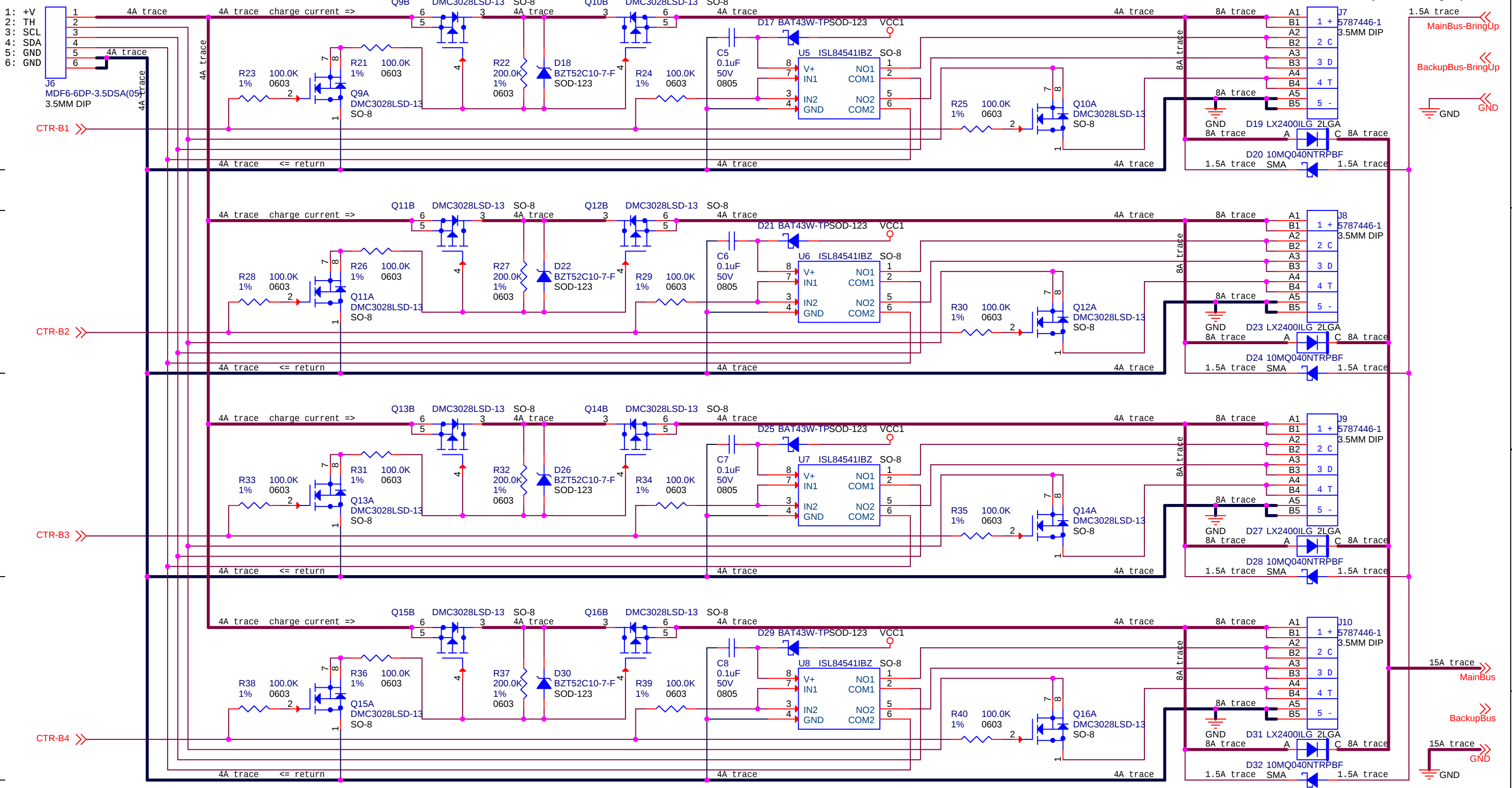
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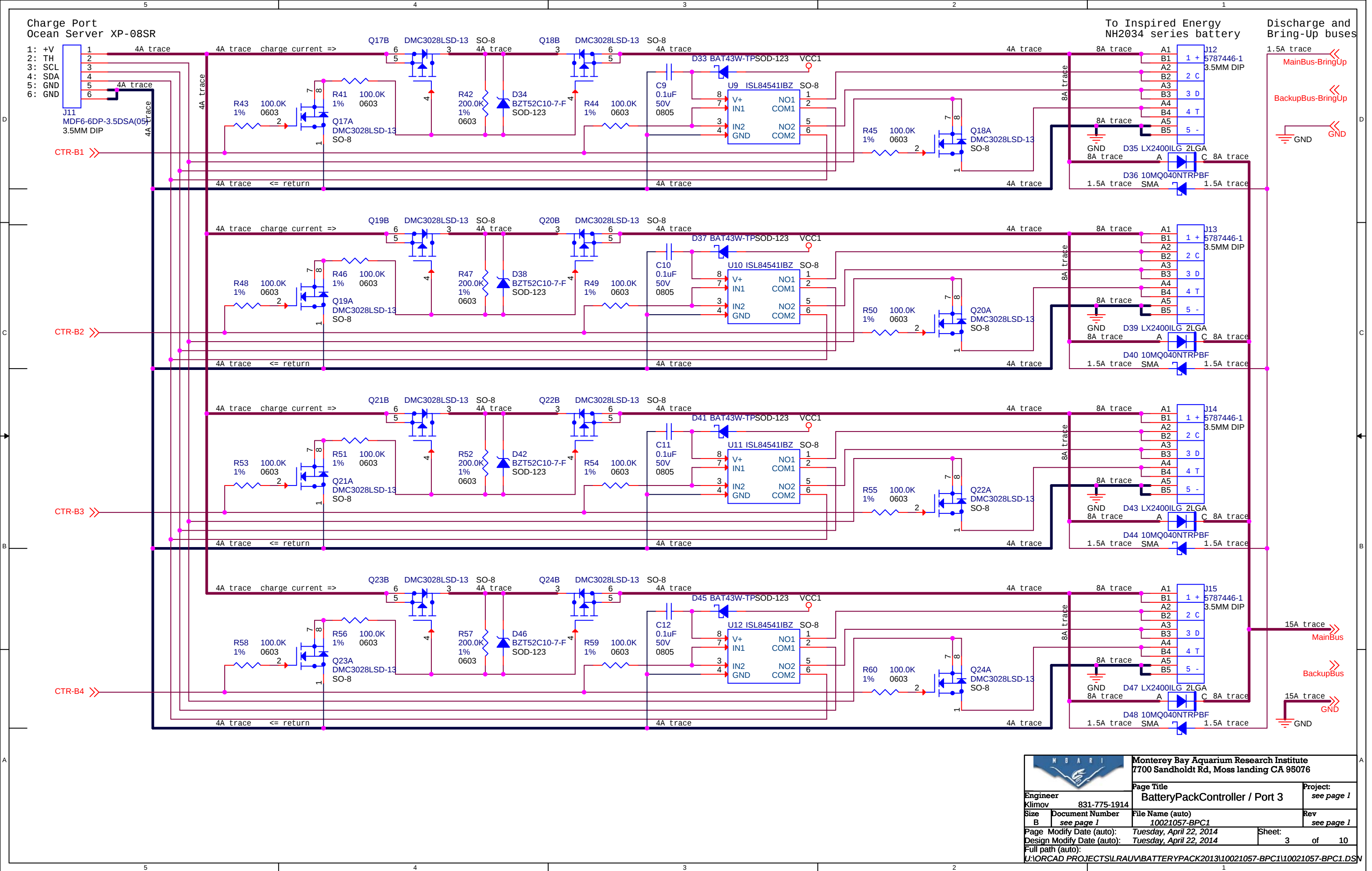
Rev0(xx/xx/xxxx): Initial Release



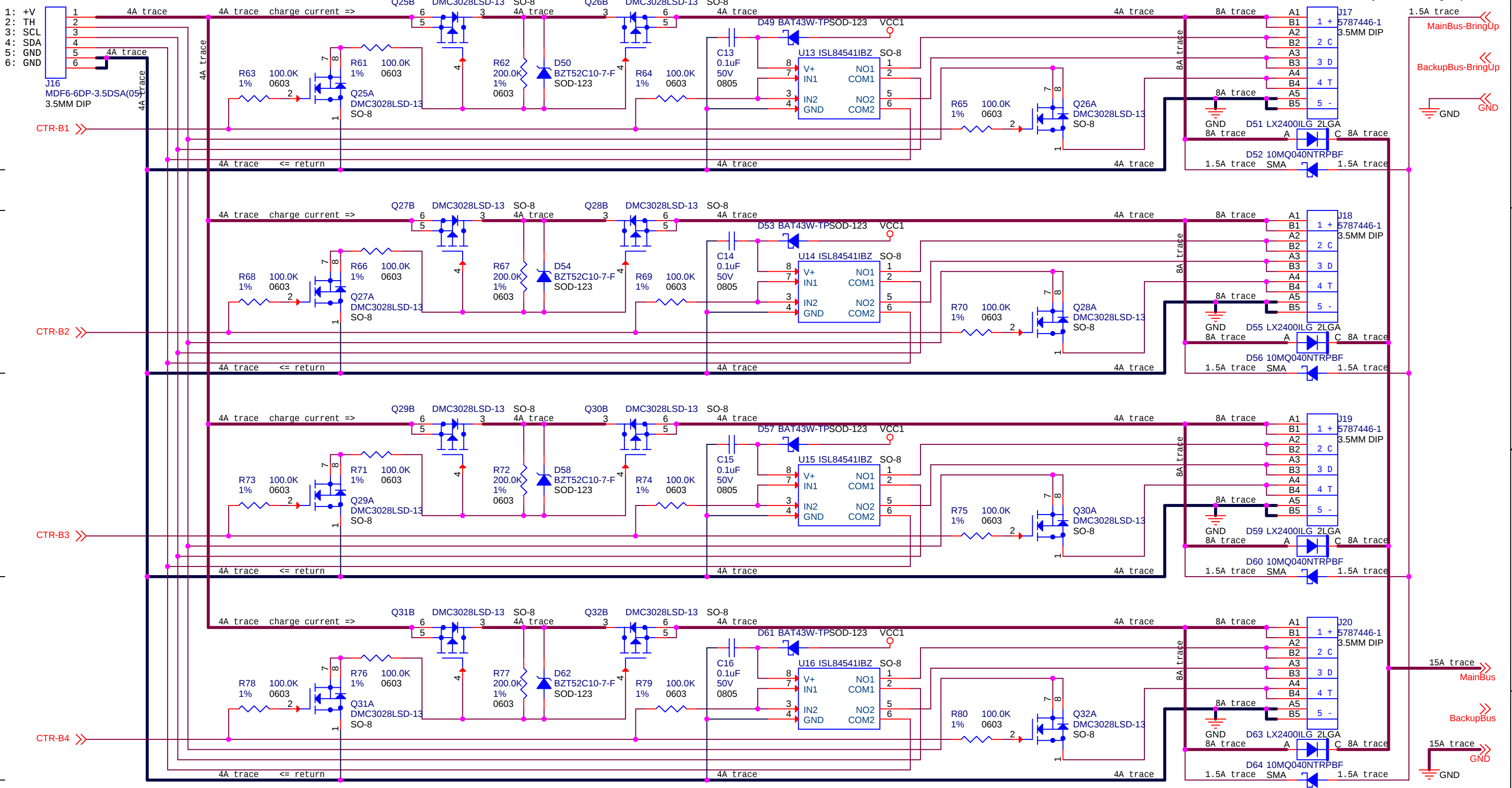
Monterey Bay Aquarium Research Institute 7700 Sandholdt Rd, Moss landing CA 95076			
Page Title BatteryPackController / Port 1		Project: 901400	
Engineer Klimov	831-775-1914	Rev *	
Size B	Doc. or Part Number <Doc>	File Name (auto) 10021057-BPC1	
Page Modify Date (auto): Saturday, April 19, 2014		Sheet: 1	of 10
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Charge Port
Ocean Server XP-08SR



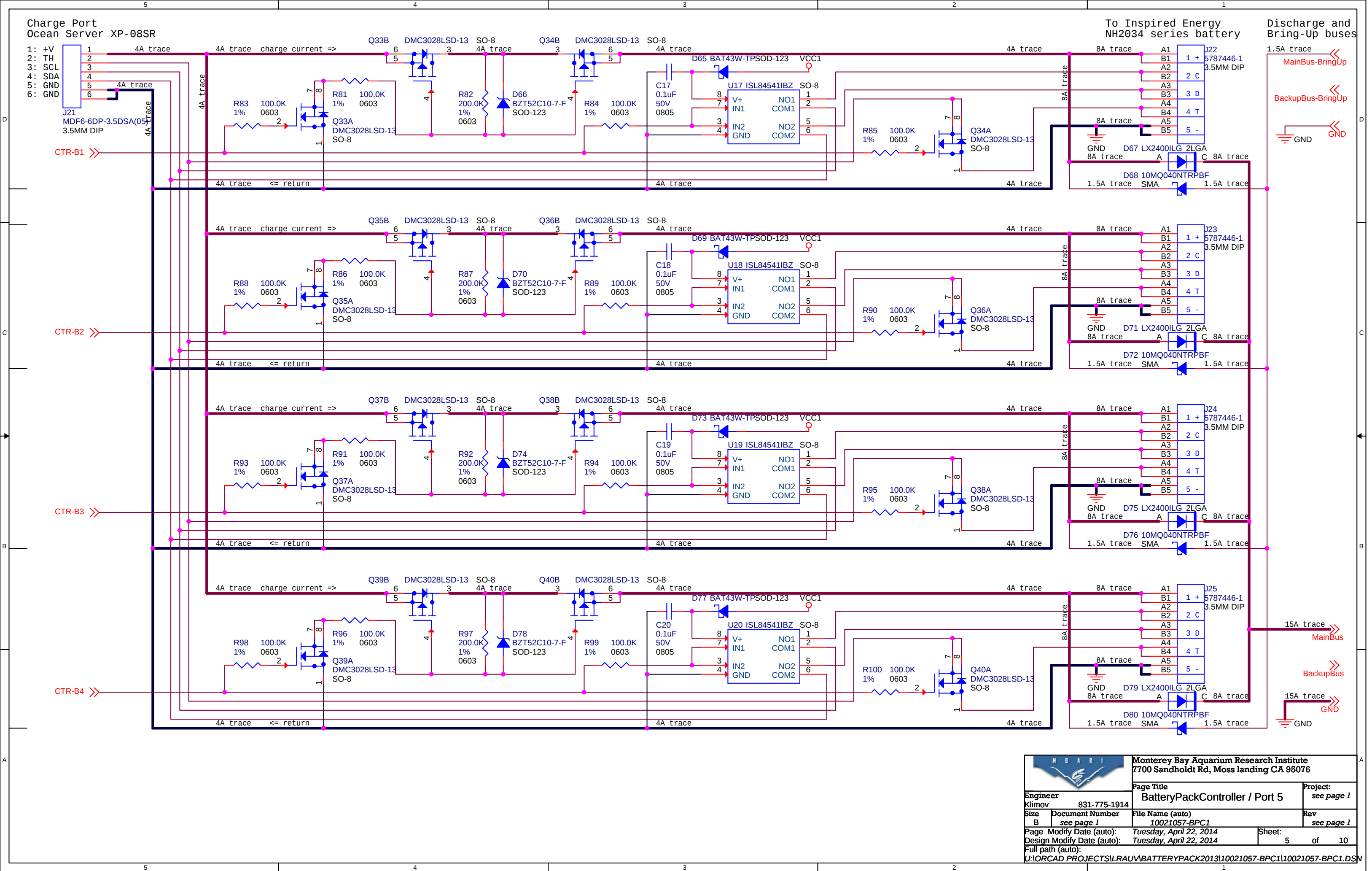


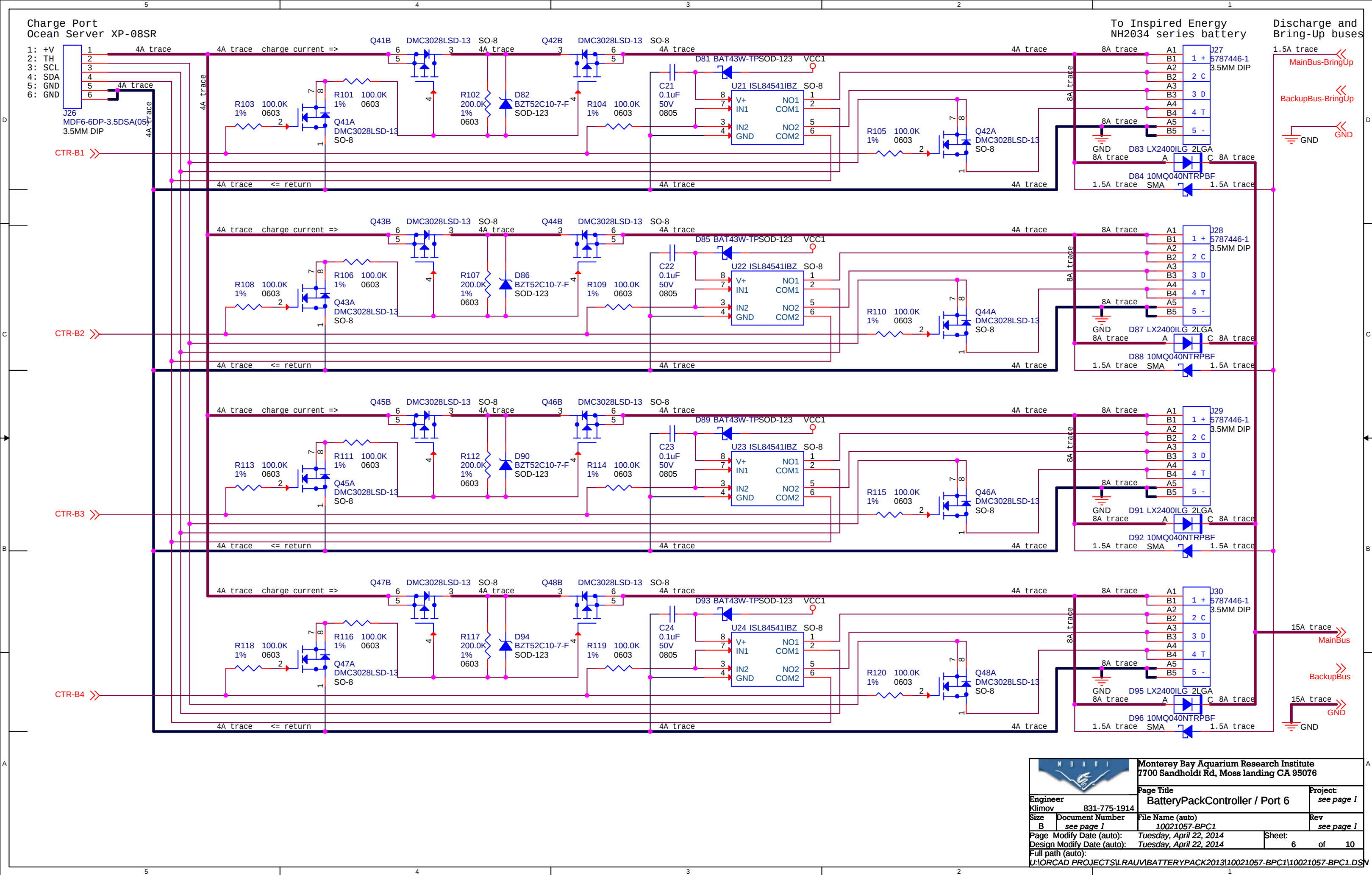
Charge Port
Ocean Server XP-08SR

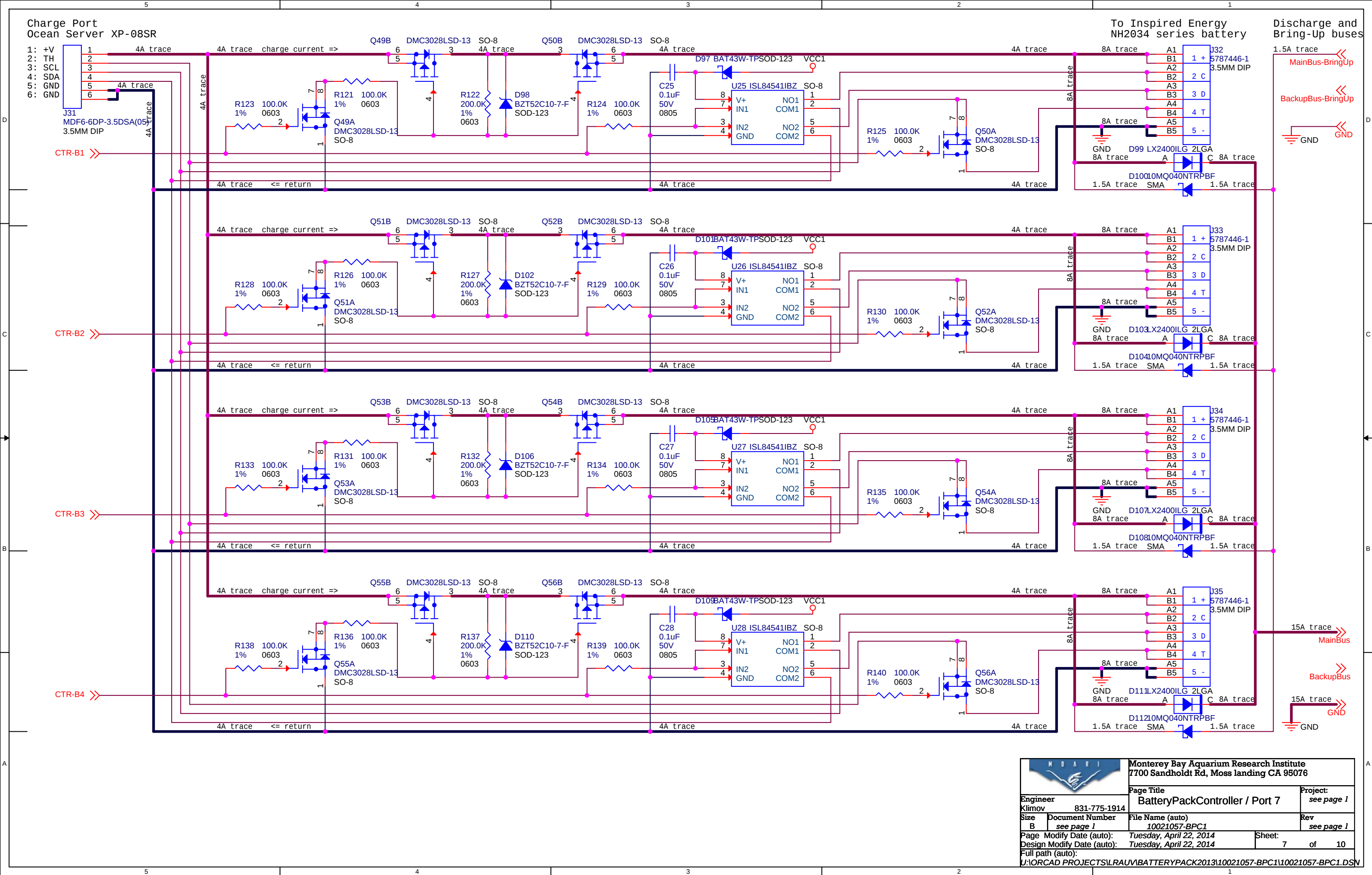


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7700 Sandholdt Rd, Moss landing CA 95076

		Page Title		Project:	
Engineer		BatteryPackController / Port 4		see page 1	
Klimov 831-775-1914					
Size	Document Number	File Name (auto)		Rev	
B	see page 1	10021057-BPC1		see page 1	
Page Modify Date (auto):		Tuesday, April 22, 2014		Sheet:	
Design Modify Date (auto):		Tuesday, April 22, 2014		4 of 10	
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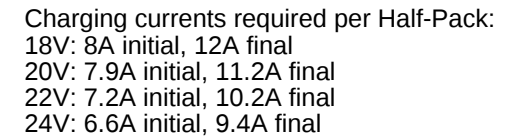






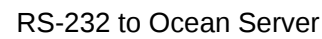
To Charge Harnesses (Main, Boost)

To Ocean Server XP-08SR

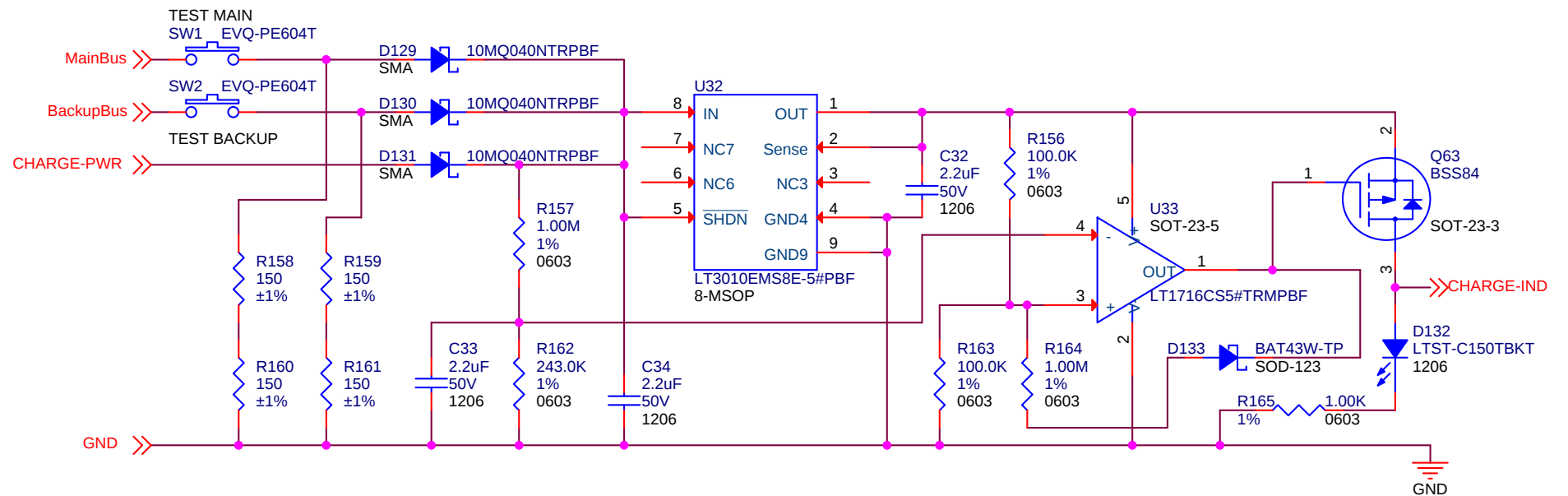


Charging time at 24V and full current with cycling loss and top-off:
 $(6.2 \text{ AH} \times 4 \times 2) / 3\text{A} \times 1.12 \times 1.04 = 19.3 \text{ hours}$

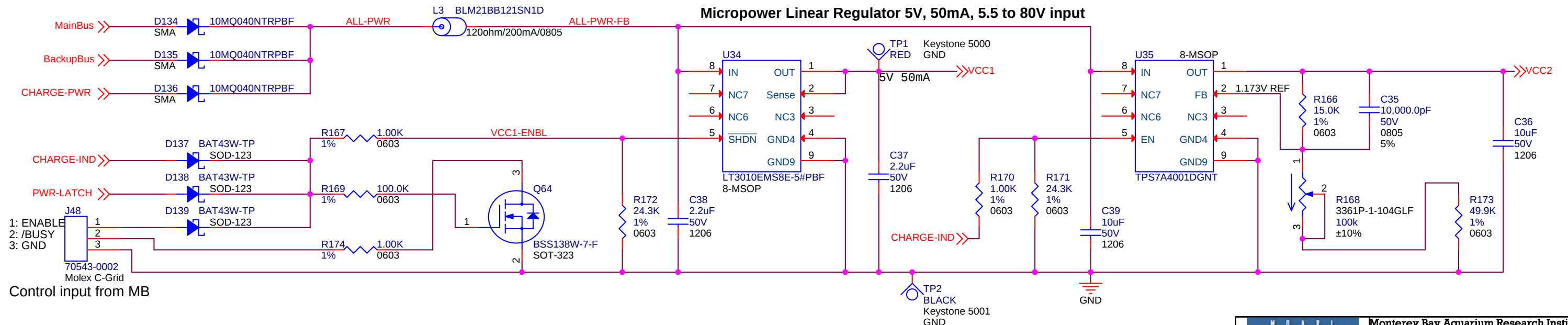
RS-232 port to MB



Battery bring-up interface



Micropower Linear Regulator 5V, 50mA, 5.5 to 80V input



Control input from MB



Page Title	BatteryPackController / Power
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