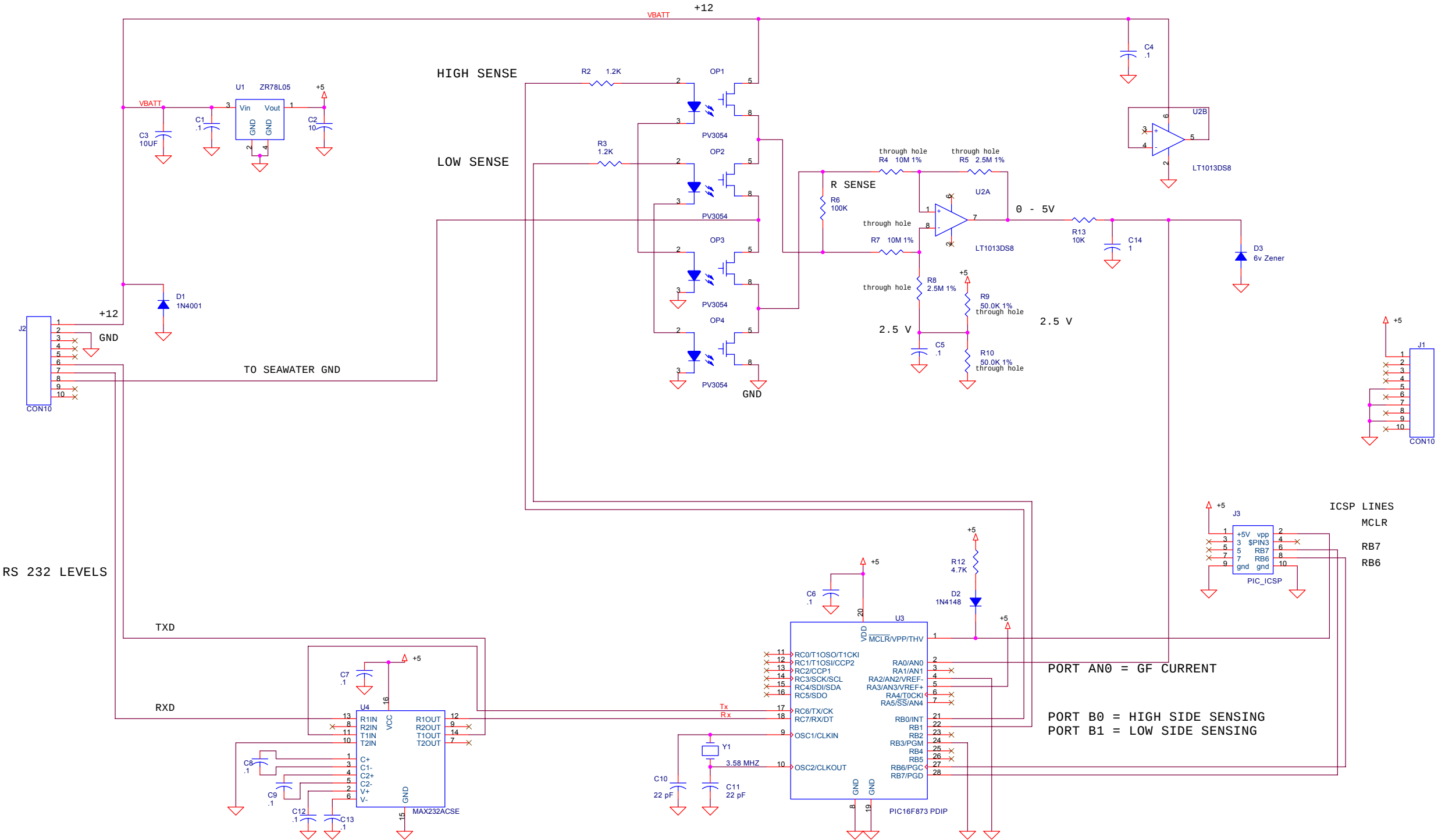


GAIN = 4  
R SENSE = 500 OHM  
OFFSET V = 2.5 VDC  
+/- .625 VDC = 0 - 5 VDC OUT  
+/- 1.25 ma = 0 - 5 VDC OUT  
RES AT 10 BITS, 1 COUNT = 2.4 ua



RS 232 LEVELS

PORT AN0 = GF CURRENT

PORT B0 = HIGH SIDE SENSING  
PORT B1 = LOW SIDE SENSING

8/21/03 INITIAL RELEASE

12/2/03 CHANGE LT1013 PINOUT, ADD ICSP HEADER  
ADD +5 TO ICSP ON J1

PCB PART \_\_\_\_\_ PCB REV-A

|                                                                             |                          |          |
|-----------------------------------------------------------------------------|--------------------------|----------|
| MBARI<br>7700 Sandholdt RD.<br>Moss Landing, CA 95039<br>PH: (831) 775-1700 |                          |          |
| Monterey Bay Aquarium Research Institute                                    |                          |          |
| Title<br>OASIS3 AC GROUND FAULT BOARD                                       |                          |          |
| Size<br>C                                                                   | Document Number<br><Doc> | Rev<br>A |
| Date: Monday, August 09, 2010 Sheet 1 of 1                                  |                          |          |