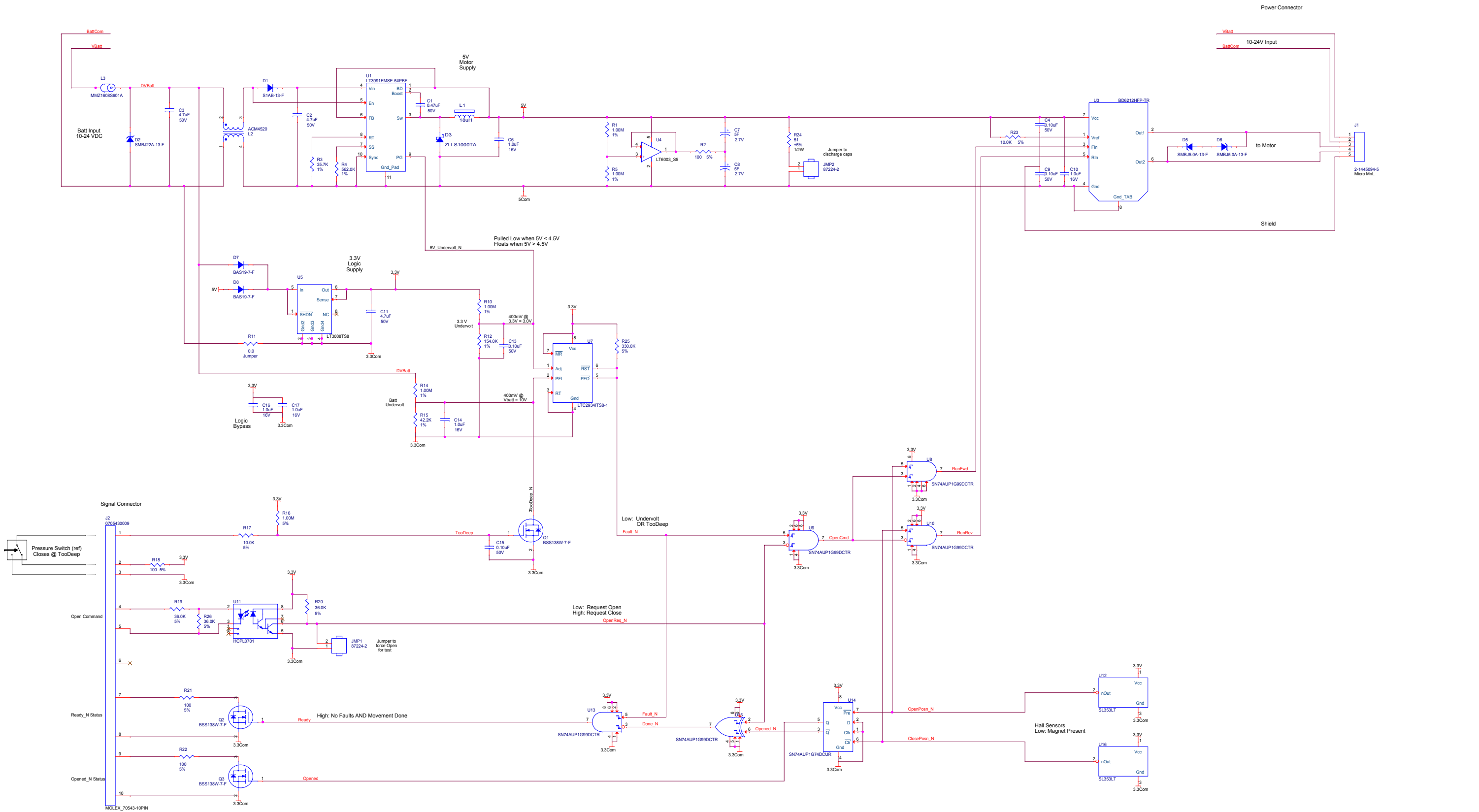




|                                                                                                                                                                                                                                                                                                                                 |             |                                    |                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------|-----------------------------------------------------------------|
| 2.0                                                                                                                                                                                                                                                                                                                             | 7 Jan 2013  | ECM                                | Debug fixes for production PWB. Delete Brake function.          |
| 1.0                                                                                                                                                                                                                                                                                                                             | 15 Sep 2012 | ECM                                | Delete soft-start, change TooDeep logic, change U7 to push-pull |
| <div><div><div>MBARI</div><div></div></div><div><div>7700 Sandholdt Rd</div><div>Moss Landing CA 95039</div><div>831-775-1700</div></div></div> <div><div>Schematic, Motor Control, Motorized VB Isolation Valve, Tethys LRAUV</div></div> |             |                                    |                                                                 |
| Ed Mellinger<br>meed@mbari.org                                                                                                                                                                                                                                                                                                  |             | Size<br>D                          | Dwg No<br>10020689                                              |
|                                                                                                                                                                                                                                                                                                                                 |             | Sheet<br>1 of 3                    | Rev<br>2.0                                                      |
|                                                                                                                                                                                                                                                                                                                                 |             | Date<br>Thursday, January 10, 2013 |                                                                 |
| X:\0073\LMV\PROJECT DRAWINGS\PROJECT.EE\0073\LMV\CONTROL\MOTORIZED\VB ISOLATION VALVE\SCHEMATIC\TETHYS MOTORIZED VB ISOLATION VALVE.DWG                                                                                                                                                                                         |             |                                    |                                                                 |