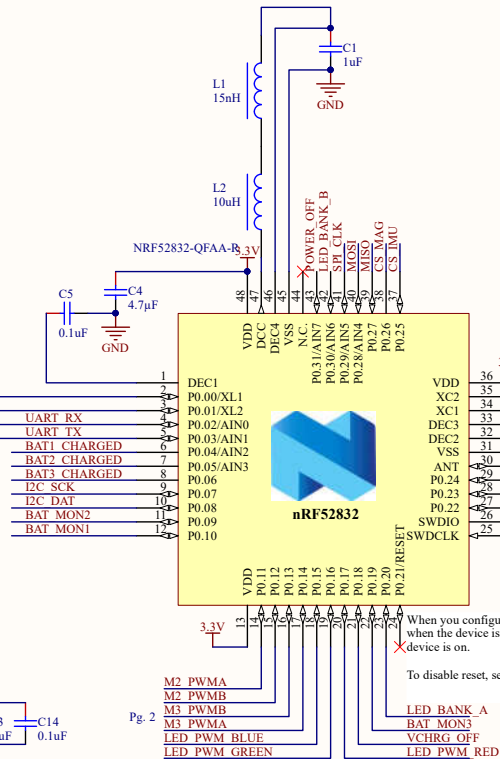


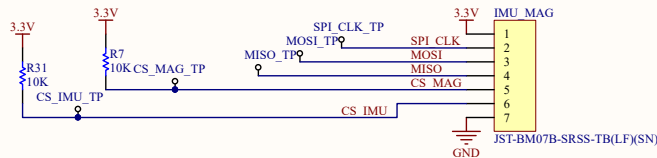
JST-BM07B-SRSS-TB(LF)(SN) GND



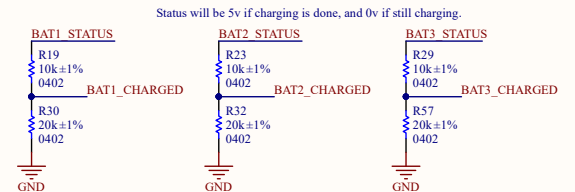
Pg. 2

When you configure pin21 as RESET it will be hardware configured to pull-up internally. The reason it is active low is that when the device is turned off the pin will be 0, and when it turns on it will be 1, there is a simple way to know when/if your device is on.

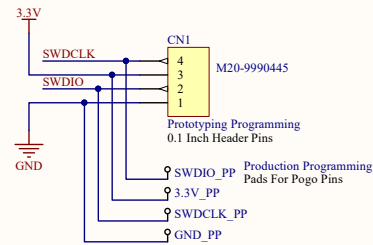
To disable reset, set PSELRESET registers and reset the chip. They are retained and will disable reset.




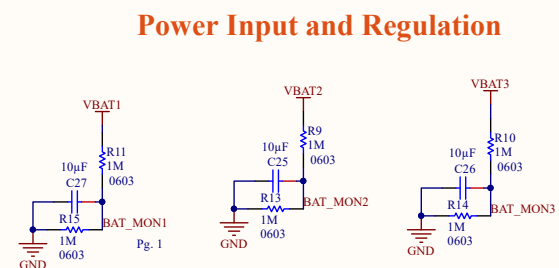
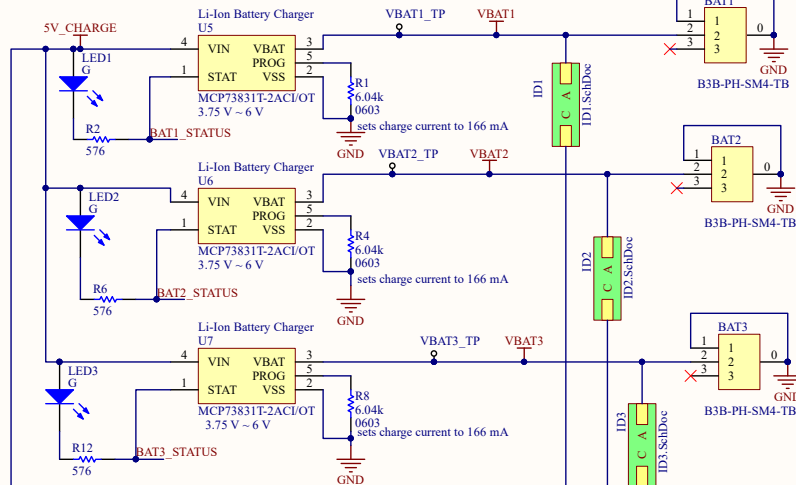
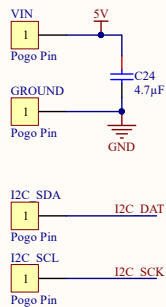
JST-BM07B-SRSS-TB(LF)(SN)



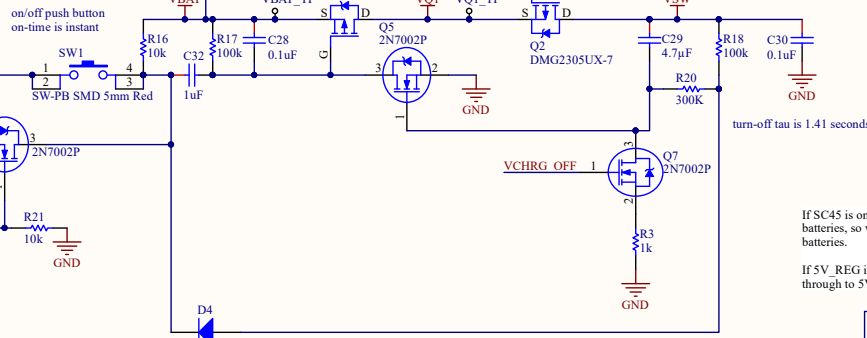
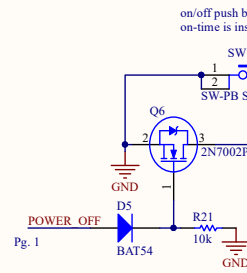
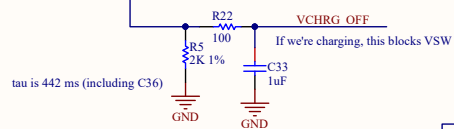
Status will be 5v if charging is done, and 0v if still charging.



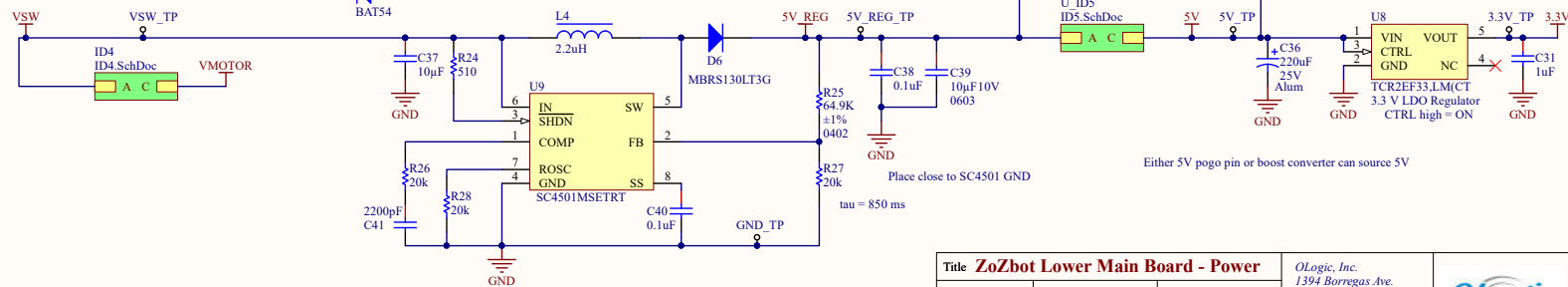
Title ZoZbot Lower Main Board - BTLE			<i>OLogic, Inc.</i> <i>1394 Borregas Ave.</i> <i>Sunnyvale, CA</i> <i>94089 USA</i> <i>(650) 996-1490</i>		
By: RMG	Number: 112216	Revision: C			
Date: 4/4/2017	Time: 1:05:41 PM	Sheet 2 of 10			
File: CTR-Lower-Main-Board-Rev-C-BTLE.SchDoc					




Power Input and Regulation

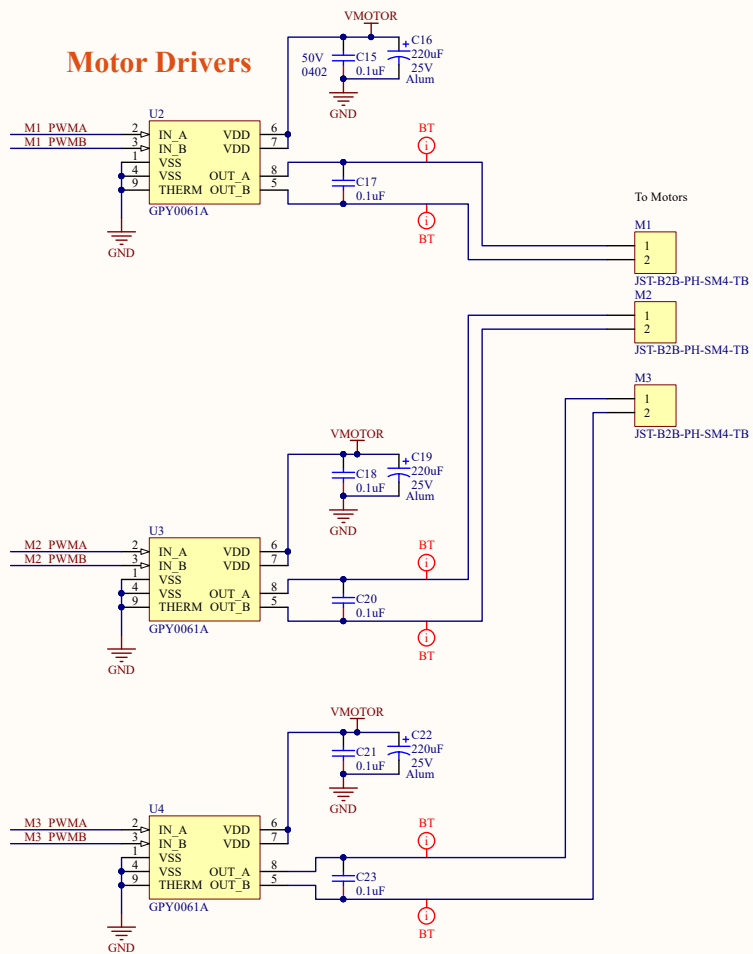



If SC45 is on, we are getting power from batteries, so we should block from charging the batteries.
If 5V_REG is high, this blocks 5V from passing through to 5V_CHARGE.

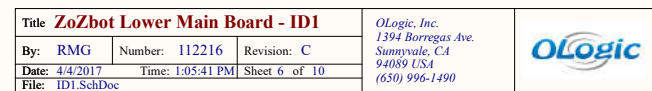


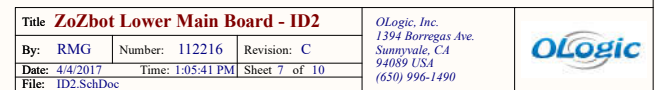
Title ZoZbot Lower Main Board - Power			OLogic, Inc. 1394 Borregas Ave. Sunnyvale, CA 94089 USA (650) 996-1490		
By: RMG	Number: 112216	Revision: C			
Date: 4/4/2017	Time: 1:05:41 PM	Sheet 3 of 10			
File: CTR-Lower-Main-Board-Rev-C-Power.SchDoc					

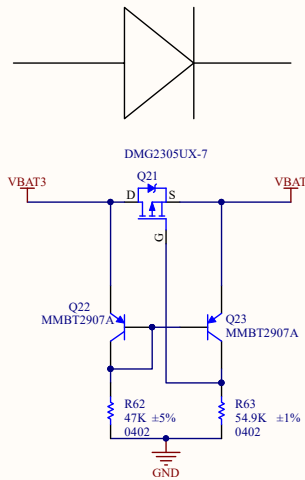
Motor Drivers




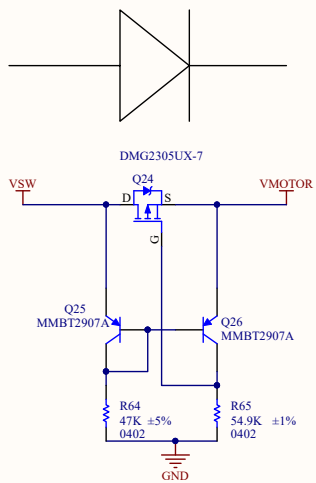
Title ZoZbot Lower Main Board - Motor			OLogic, Inc. 1394 Borregas Ave. Sunnyvale, CA 94089 USA (650) 996-1490	
By: RMG	Number: 112216	Revision: C		
Date: 4/4/2017	Time: 1:05:41 PM	Sheet 4 of 10		
File: CTR-Lower-Main-Board-Rev-C-Motor.SchDoc				




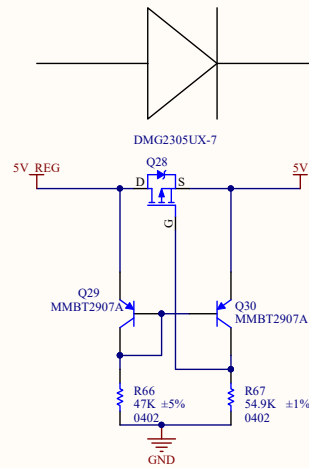





Title ZoZbot Lower Main Board - ID3			<i>OLogic, Inc.</i> 1394 Borregas Ave. Sunnyvale, CA 94089 USA (650) 996-1490	
By: RMG	Number: 112216	Revision: C		
Date: 4/4/2017	Time: 1:05:41 PM	Sheet 8 of 10		
File: ID3.SchDoc				



Title ZoZbot Lower Main Board - ID4			<i>OLogic, Inc.</i> 1394 Borregas Ave. Sunnyvale, CA 94089 USA (650) 996-1490	
By: RMG	Number: 112216	Revision: C		
Date: 4/4/2017	Time: 1:05:41 PM	Sheet 9 of 10		
File: ID4.SchDoc				



Title ZoZbot Lower Main Board - ID5			<i>OLogic, Inc.</i> 1394 Borregas Ave. Sunnyvale, CA 94089 USA (650) 996-1490	
By: RMG	Number: 112216	Revision: C		
Date: 4/4/2017	Time: 1:05:41 PM	Sheet 10 of 10		
File: ID5.SchDoc				