
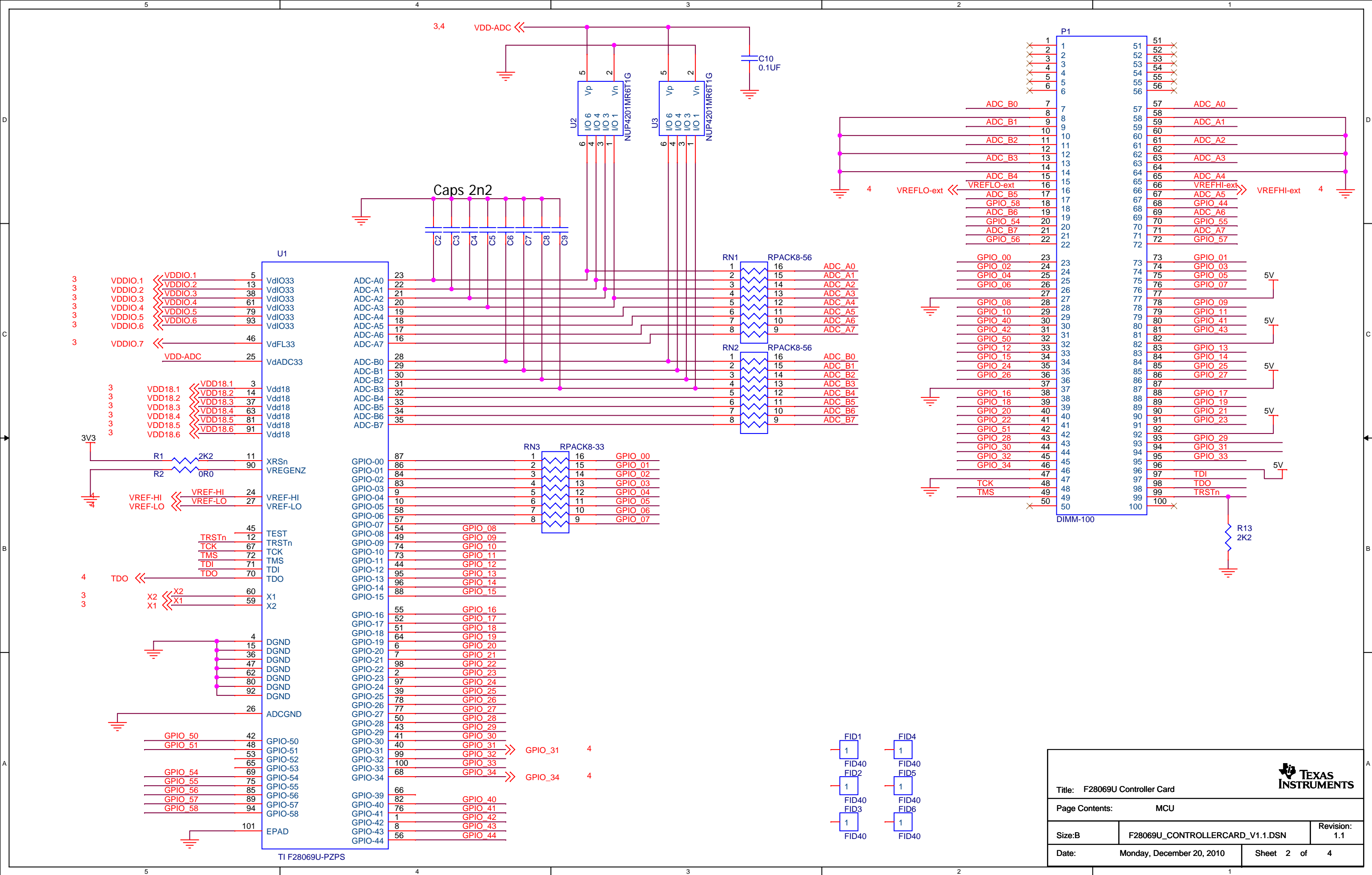
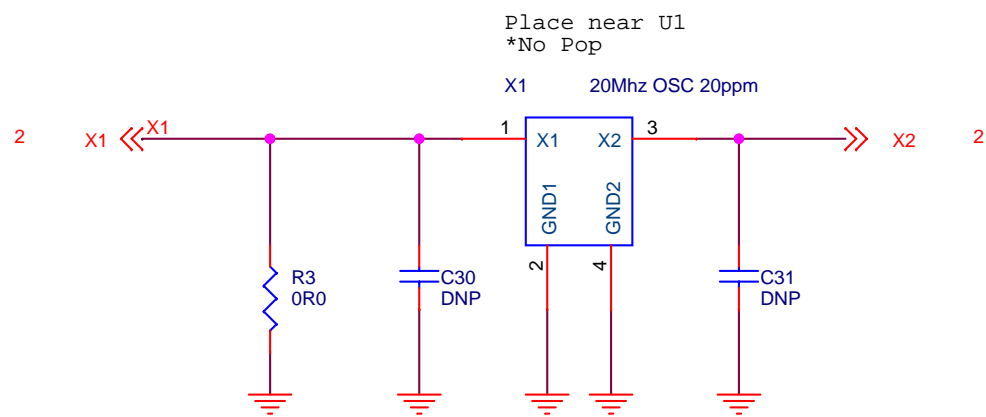
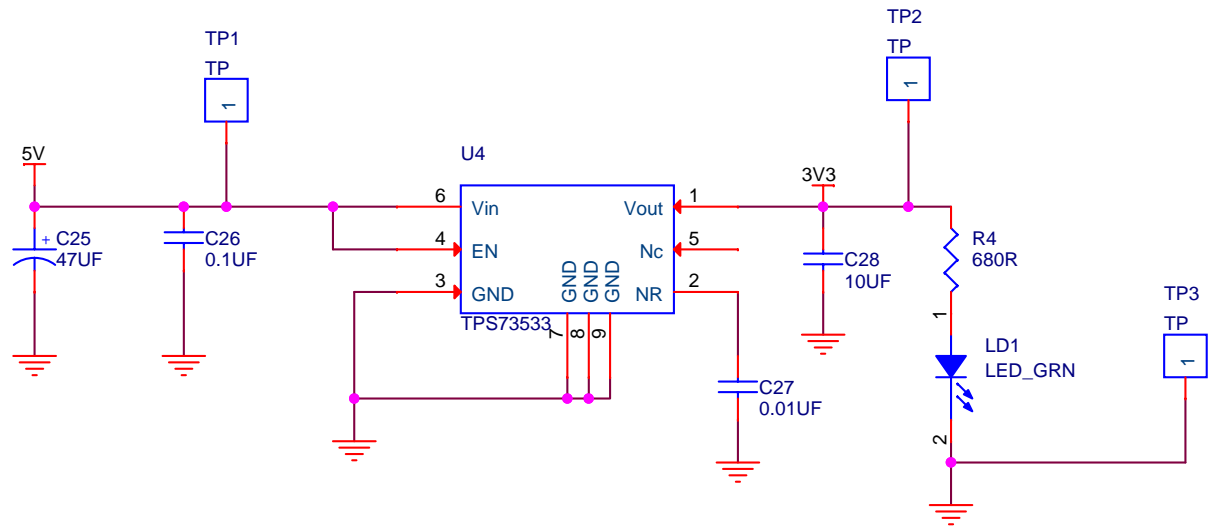


0.1 - First Draft
1.0 - First Release
1.1 - Edited position of TMS and TDO to match U1 pinout;
Changed external crystal and passive around it

- DIRECTORY:
- 1 - Notes
 - 2 - MCU
 - 3 - Power/Ground
 - 4 - IO

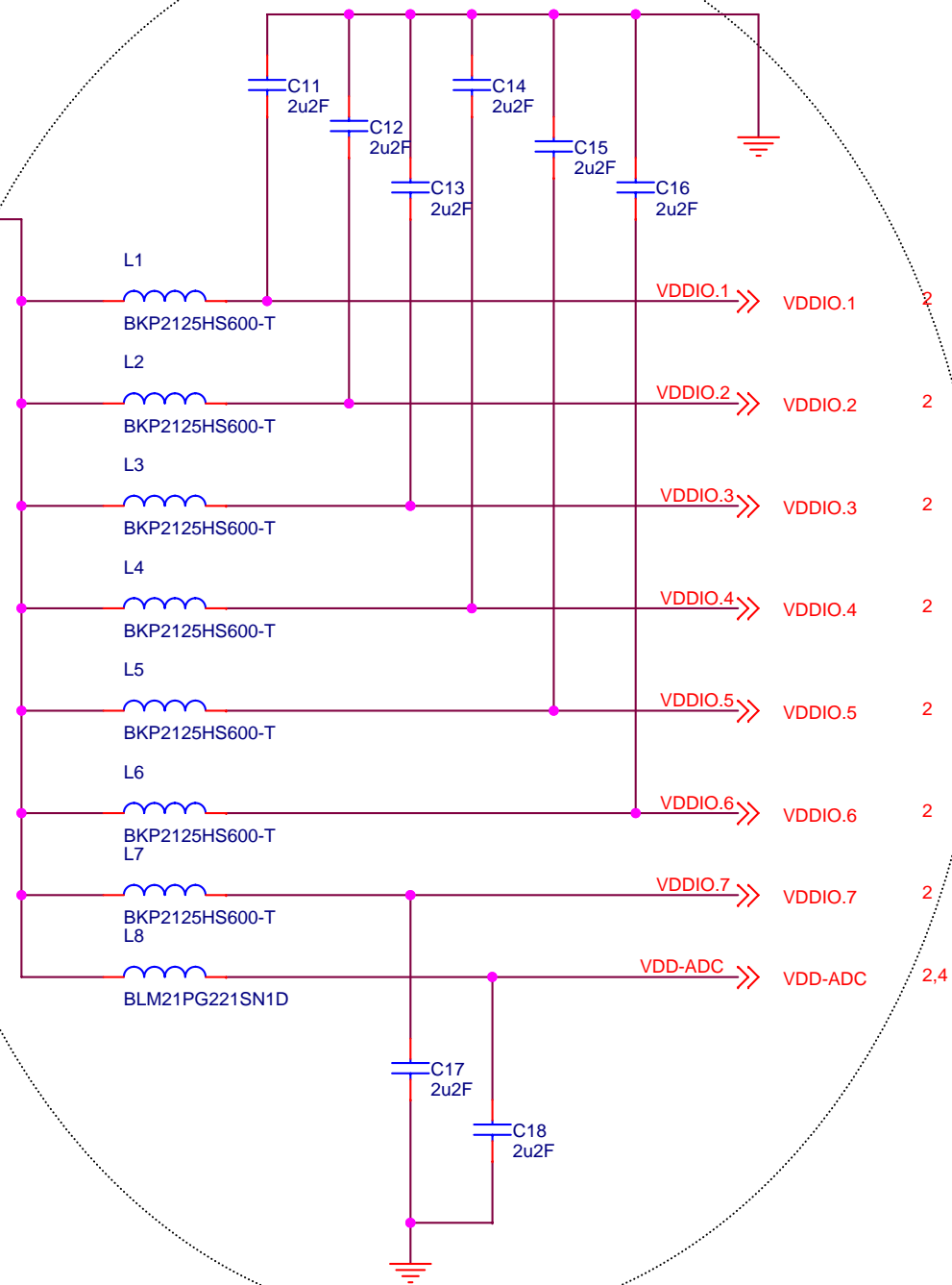
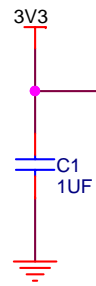
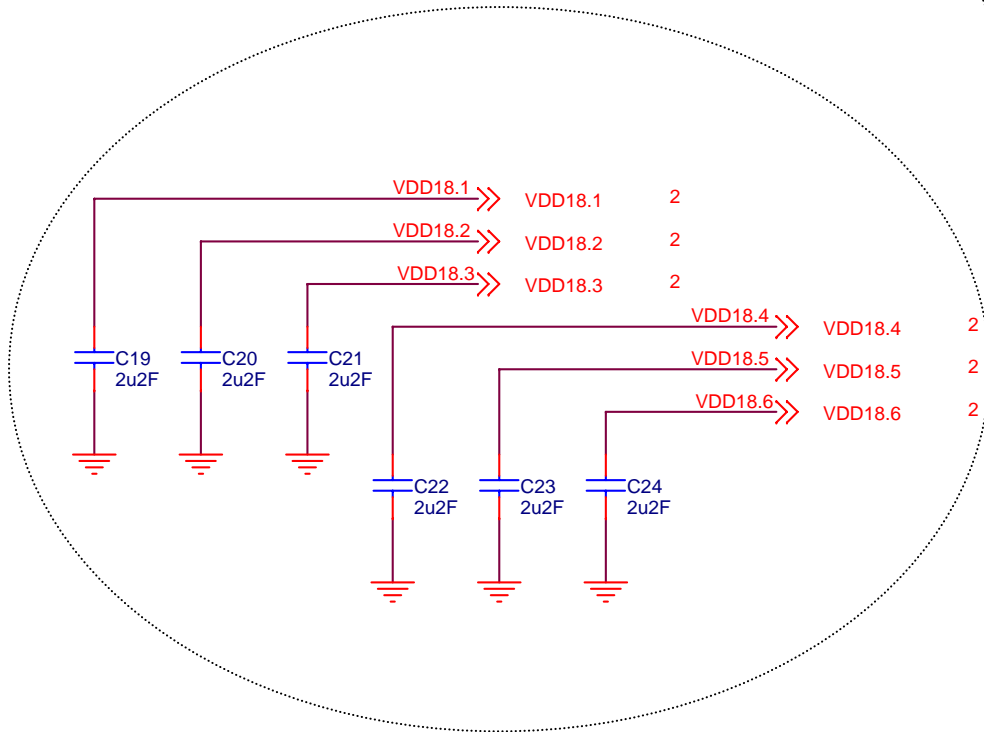
		
Title: F28069U Controller Card		
Page Contents: Notes		
Size:B	F28069U_CONTROLLERCARD_V1.1.DSN	Revision: 1.1
Date: Monday, December 20, 2010	Sheet 1 of 4	





Internal crystal is used by default.

If external crystal is desired X1 can be populated with a crystal oscillator (for example Digikey part 300-8214-1-ND), R3 should be unpopulated, and C30+C31 should be populated with a 15pF C0G capacitor.

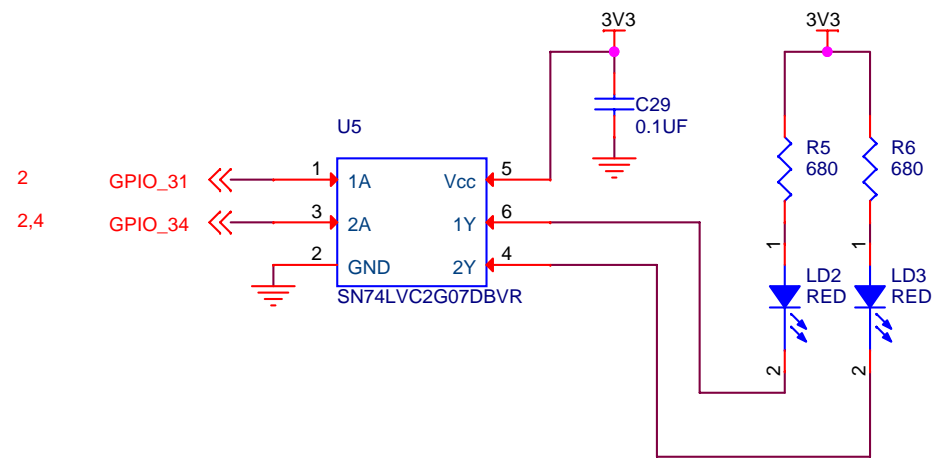
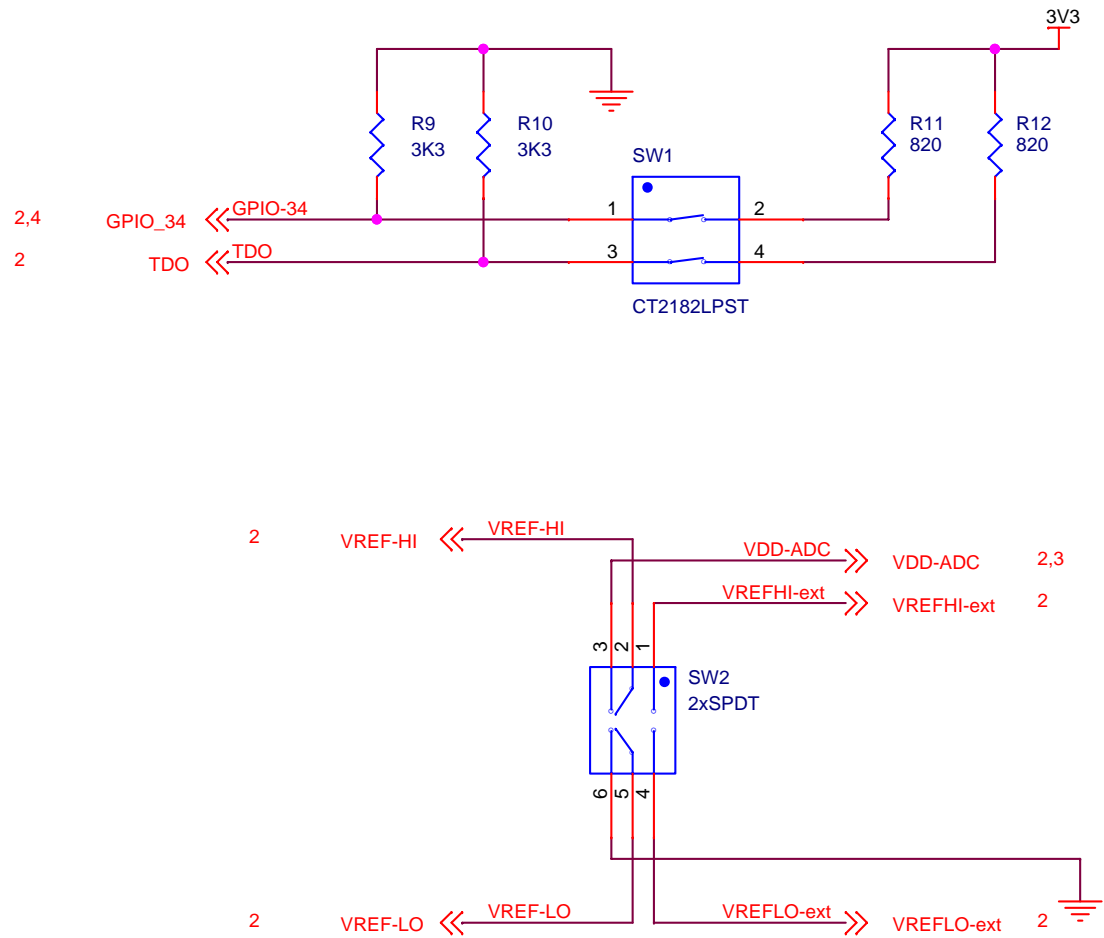



Title: F28069U Controller Card

Page Contents: Power/Ground

Size: B F28069U_CONTROLLERCARD_V1.1.DSN Revision: 1.1

Date: Monday, December 20, 2010 Sheet 3 of 4



		
Title: F28069U Controller Card		
Page Contents: IO		
Size:B	F28069U_CONTROLLERCARD_V1.1.DSN	Revision: 1.1
Date: Monday, December 20, 2010	Sheet 4 of 4	