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Title	BATTERY BALANCER - CONTROL BOARD	
Size	Document Number	REV
B	CONTROL.SCH (C) 2010 by TMSI	C
Date:	January 9, 2010	Sheet 1 of 1

1. Unused C19+, D47+, J8+, Q7-10, Q21+, R64+, U19+
2. Resistors 5% 1/4W unless otherwise noted.
3. Capacitors with VDC ratings are electrolytic.
4. U14: use LMC6862 for improved accuracy.
5. R49, R50 are socketed. Install for EVIBUS pullups.
6. 12/10/09: R36, R37 was 121k, now 182k.
7. 12/20/09: D8 anode was U2 QA, now B2 P15.
8. Idea: change D41 to LED for "Test" light.

VOLTAGE V-F CONVERTER:  
 +16V TO -16V = 2.5 TO 10 KHZ  
 CURRENT V-F CONVERTER:  
 -30A TO +30A = 2.5 TO 10 KHZ  
 (-0.15V TO +0.15V ON 0.005 OHM SHUNT)