
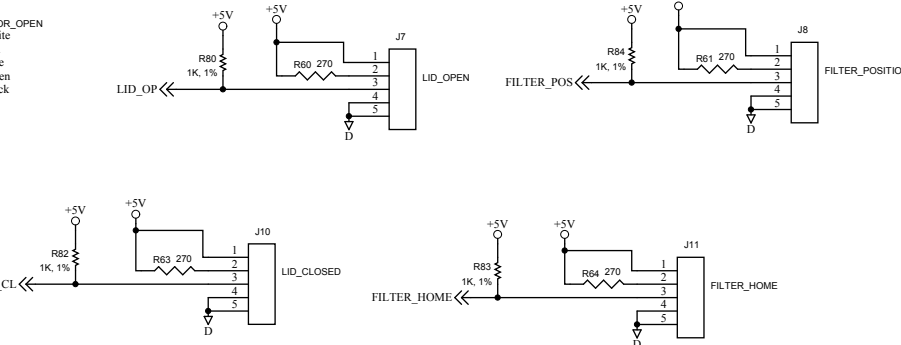
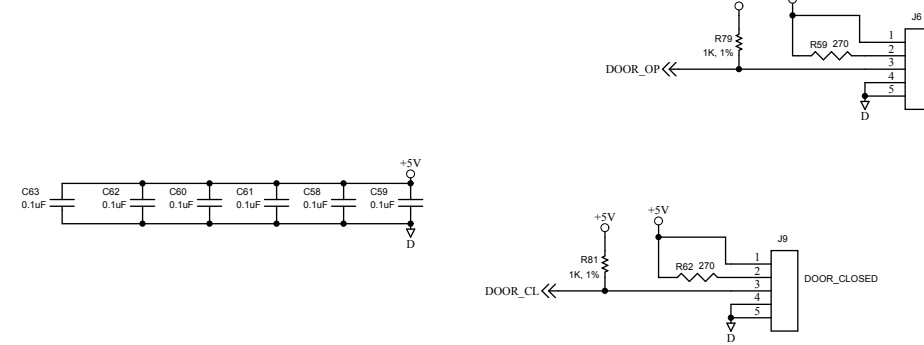
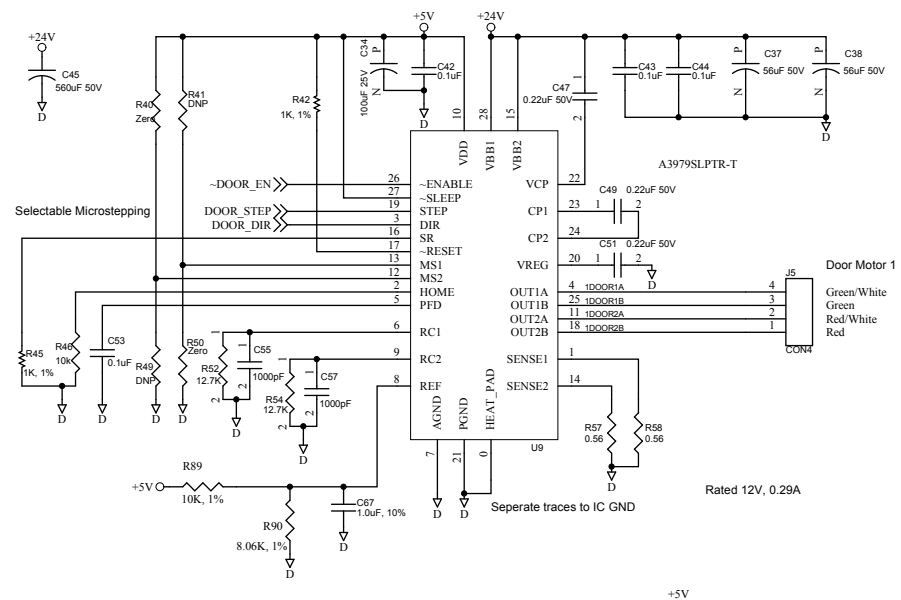
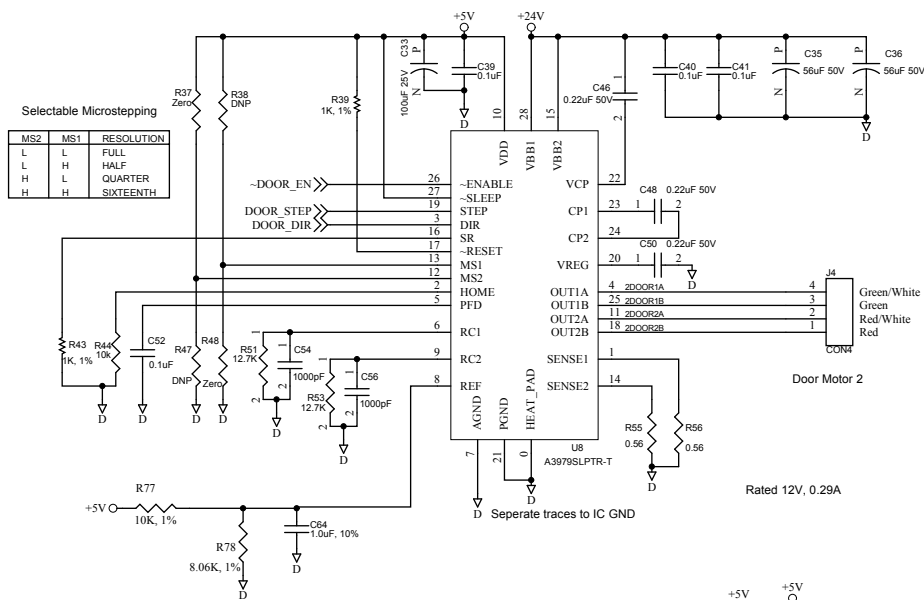


Notes

Changed sensor pin outs, added pullup resistors and voltage ref.
Changed to voltage dividers for each individual controller.
Added switcher before 5V regulator.


REVISION HISTORY	REV	DESCRIPTION	DATE	PART NUMBER: PCBS-SCM-0905			PART NAME: Motor_Drive		
	A	Motor Drive / Sense	04/16/09	ELECTRONIC ASSY #: PCBA-SUB-0905					
	D	See Notes	6/24/09	PROJECT: PLATE CYCLER					
					SIGNATURE	DATE	390 Wakara Way, Salt Lake City, UT 84108 - (801) 736-6354 - www.idahotech.com		
				DESIGNER					
				CHECKED BY			PROPRIETARY AND CONFIDENTIAL:		
				MANAGER			The information contained in this drawing is the sole property of Idaho Technology Inc. Any reproduction in part or as a whole without written permission of Idaho Technology Inc. is prohibited.		
				FILENAME: *			SIZE: B		
							REV: D		
							SHEET: 1 OF: 3		

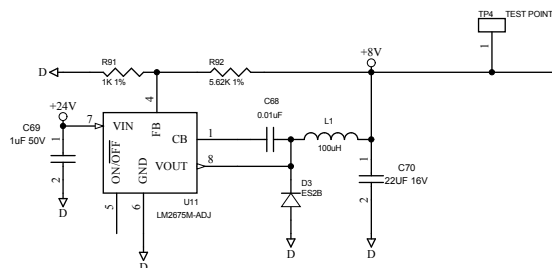
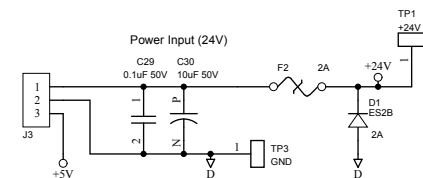
MS2	MS1	RESOLUTION
L	L	FULL
L	H	HALF
H	L	QUARTER
H	H	SIXTEENTH



Notes

Changed sensor pin outs, added pullup resistors and voltage ref.
Changed to voltage dividers for each individual controller.
Added switcher before 5V regulator.

REVISION HISTORY	REV	DESCRIPTION	DATE	PART NUMBER: PCB5-SCM-0905			PART NAME: Motor_Drive		
	A	Motor Drive / Sense	04/16/09	ELECTRONIC ASSY #: PCB5-SUB-0905					
	D	See Notes	6/24/09	PROJECT: PLATE CYCLER					
					SIGNATURE	DATE			
				DESIGNER					
				CHECKED BY			390 Wakara Way, Salt Lake City, UT 84108 - (801) 736-6354 - www.idahotech.com		
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							SIZE: B		
							REV: D		
						SHEET: 2 OF: 3			



Power On Indicator

D2
LED

R76
270

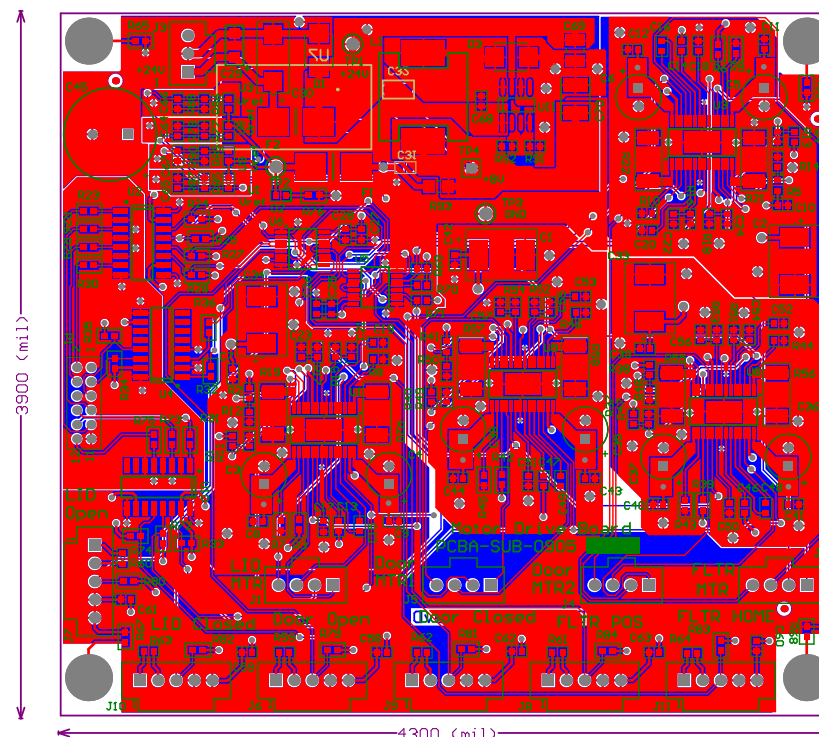
+5V

D

Changed sensor pin outs, added pullup resistors and voltage ref.
Changed to voltage dividers for each individual controller.



Added switcher before 5V⁴ regulator.

REVISIONS				
REV	ZONE	DESCRIPTION	DATE	
A	—	Motor Drive / Sense	04-16-09	
B		Fixed Routing issue w/ C25, C27	05-14-09	
D		Changed foot print of board	06/24/09	



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BOARD MATERIAL SEE NOTES	BOARD THICKNESS SEE NOTES
SINGLE LAYERS	SILK SCREEN SEE NOTES
SOLDER MASK SEE NOTES	DIMENSIONS SEE NOTES
SCALE NONE	LAYER ORDER SEE NOTES
TOLERANCE SEE NOTES	
COPPER WEIGHT SEE NOTES	

Project Plate Cycler		Idaho Technology 390 Wakara Way - Salt Lake City - UT 84108 - (801) 736 - 6354	
DESIGNER	DATE	TITLE MOTOR DRIVE	
CHECKED		NUMBER PCBS-GEN-0905	
QA		SIZE 	REV. 
		PCBA NUMBER	LAYER NAME Keep Plate Cycler
			LAYER 50F10