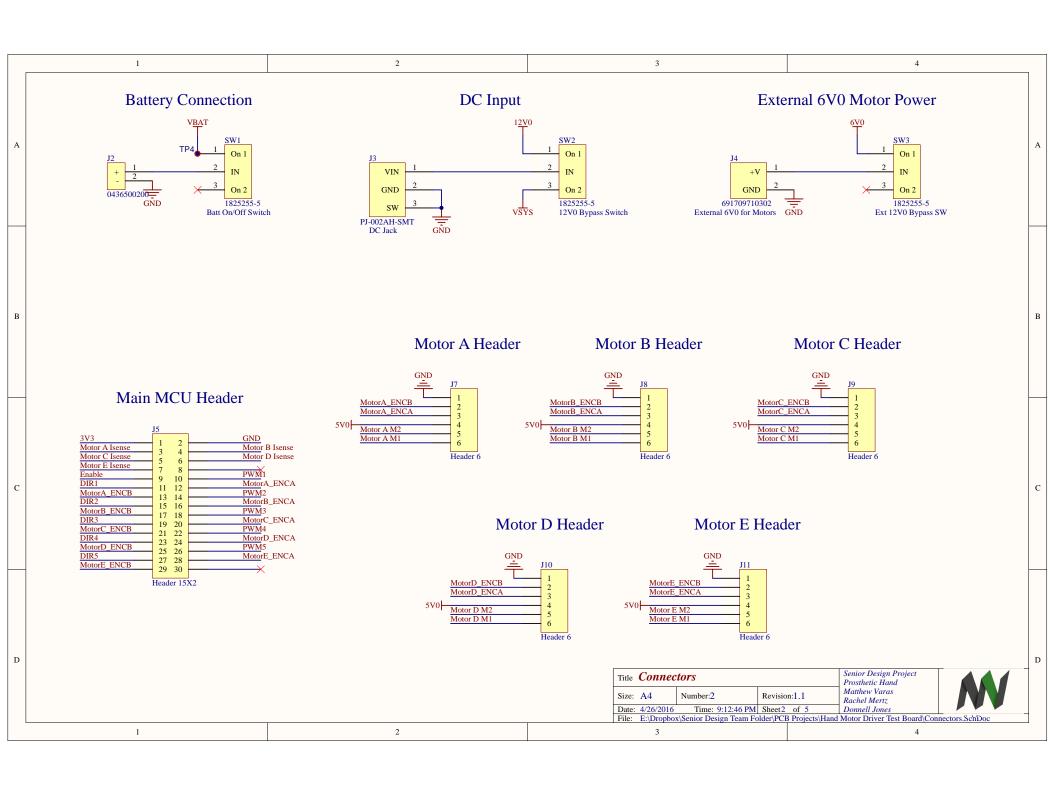
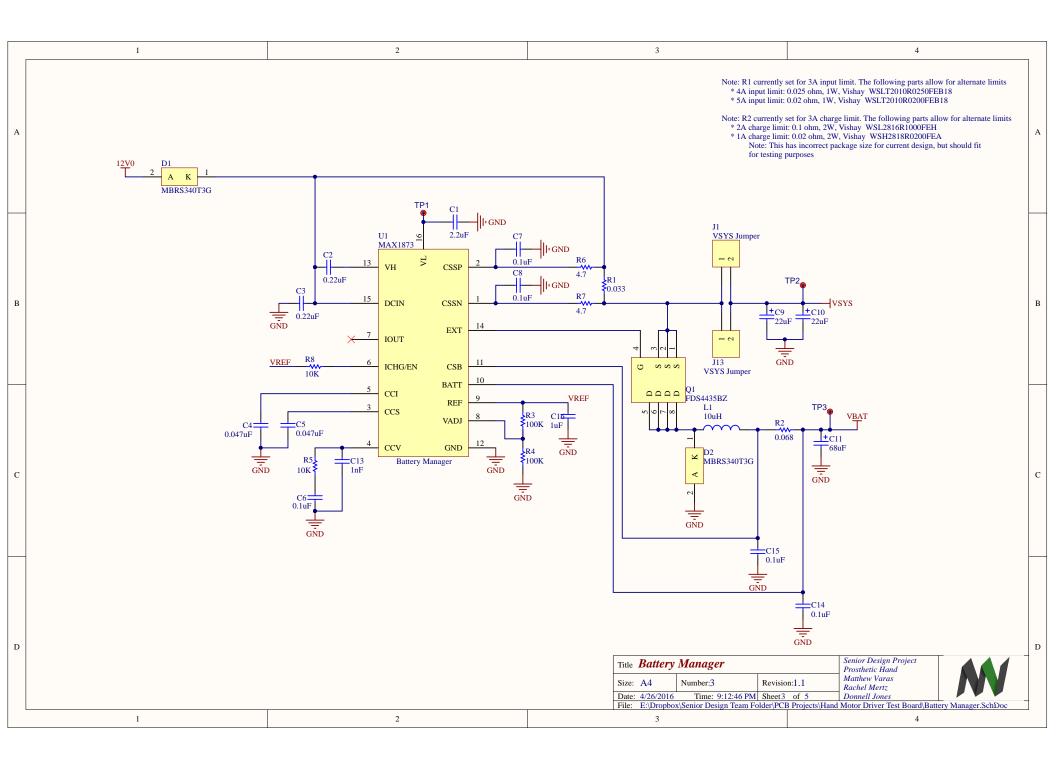
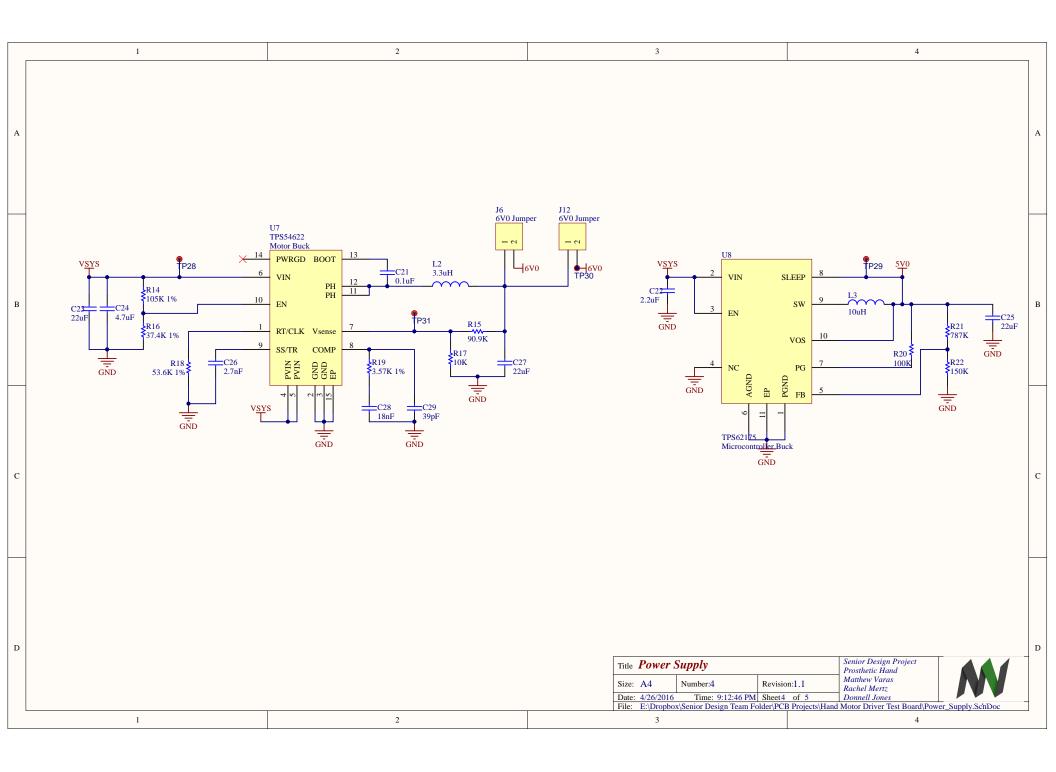
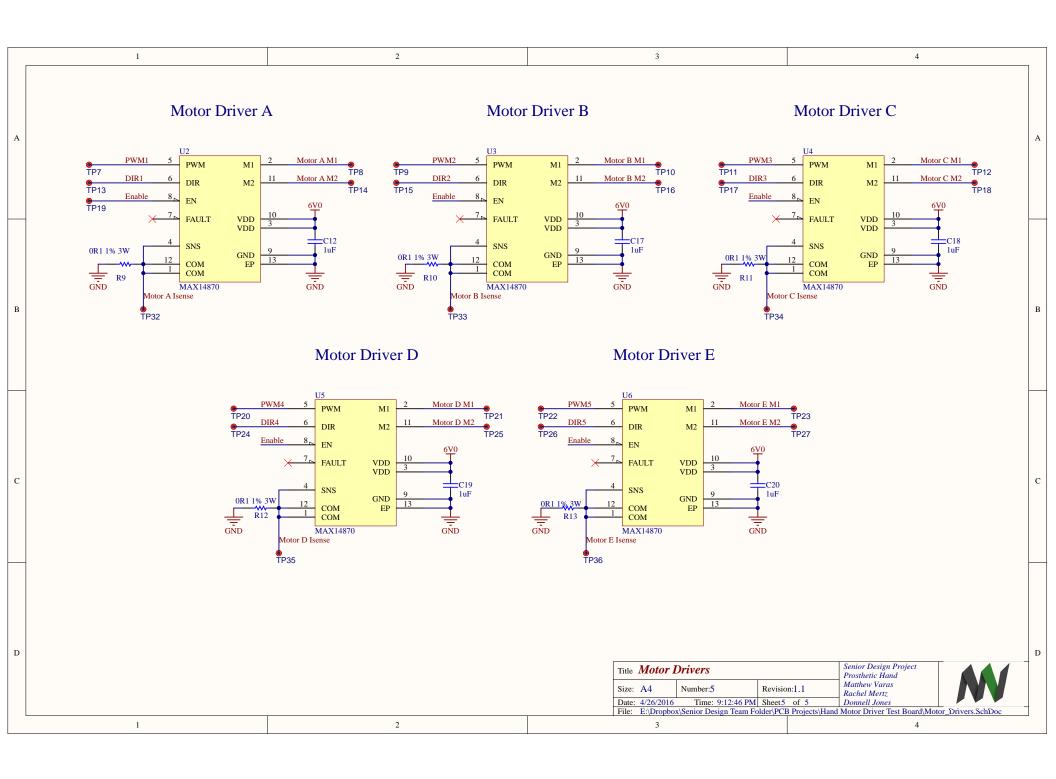
	1	2			3				4		1	
A					4/1/16	MV	A	Initial Full Design				
					4/2/16	MV	A.1	Fixed non-plated thr	ated through hole footprints			
	1 - Table of Contents				4/2/16	5 MV A.2 Fixed clearance violations on motor drivers				A		
	2 - Connecto	ors	ger CU Power Supplies		4/3/16	MV	A.3	Fixed title block/boa	d info, aligned vias			
	4 - Motor an 5 - Motor Di	d MCU Power Supplies			4/3/16	MV	A.4	Final DRC, Added he	eader pinout silk screen			
	3 Motor B1	14013			4/3/16	MV	A.5	Added I sense wires	and moved to 30 pin header			
В					4/4/16	MV	A.6	Corrected DFM error	rs			
					4/4/16	MV	1.0	RELEASE VERSIO	ON			
					4/20/16	MV	1.1	Swapped 3.3V buck Corrected missing po Flipped D2 to be in r	to 5V buck and adjusted passive ower trace between 12V in and reverse bias	es vsys.	В	
С											С	
D											D	
					Title Table	_			Senior Design Project Prosthetic Hand Matthew Varas			
			Size: A4 Date: 4/26/201	A4 Number:1 Revisio 4/26/2016 Time: 9:12:46 PM Sheet I ∃:\Dropbox\Senior Design Team Folder\PCE		Revision:1.1 Sheet 1 of 5	Rachel Mertz	J V V				
	1	2			File: E:\Dropt	ox\senior De	esign Team Fo	uei/PCB Projects/Han	d Motor Driver Test Board\TOC 4	SCHDOC		







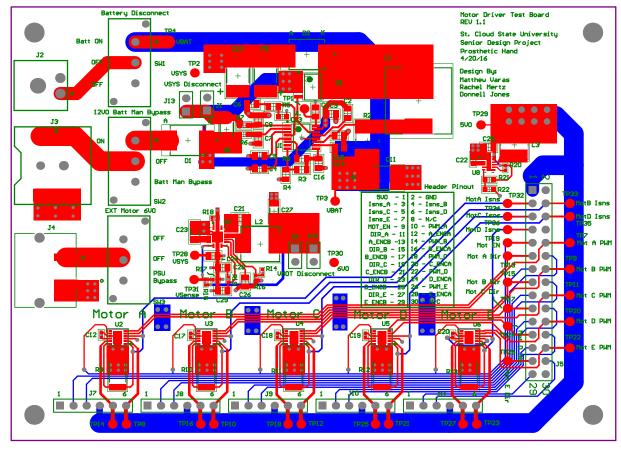


Motor Driver and PSU Test Board
REU 1.1

2 Layer FR4

TOP LAYER COMPONENT
BOTTOM LAYER COMPONENT
All Layers foz Copper
Total Board thickness: .062
Top & Bottom Solder mask Green
Top Overlay White, No Bottom Overlay
Lead Free
Finish = ENIG

Layer	Name	Material	Thickness	Constant	Board Layer Stack		
1	Top Overlay						
2	Top Solder	Solder Resist	O.40mil	3.5			
3	Top Layer	Copper	1.40mil				
4	Dielectric 1	FR-4	58.00mil	4.2			
5	Bottom Layer	Copper	1.40mil				
6	Bottom Solder	Solder Resist	0.40mil	3.5			
7	Bottom Overlay						



Bopt Omgeletger