

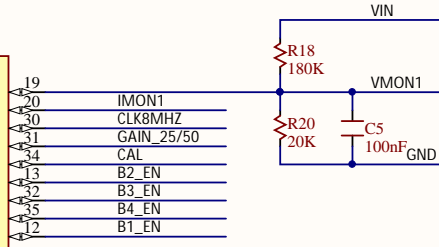
Title		Rev
Motor Controller		D.0
Circuit		Copyright 2016
LEDs and Button		
Doc#	500-334	
Engineer	MTA	
Author	GMA	
Date	8/26/2016	
Sheet#	1 out of 5	



# DSPIC33EP128MC504-I/TL PORT A

AN0/OA2OUT/RA0  
AN1/C2IN1+/RA1  
OSC1/CLKI/RA2  
OSC2/CLKO/RA3  
CVref20/SDO1/RP20/T1CK/RA4  
TDI/RA7  
SDA2/RP124/RA8  
SDI1/RP125/RA9  
TDO/RA10

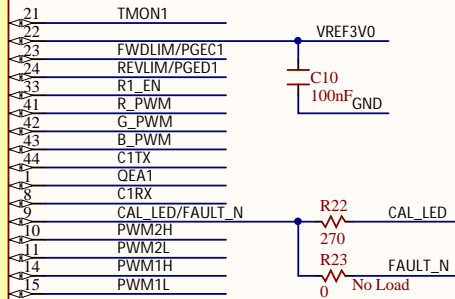
IC1A



# DSPIC33EP128MC504-I/TL PORT B

PGED3/Vref-/AN2/C2IN1-/SST/RP132/CTED2/RB0  
PGEC3/Vref+/AN3/OA1OUT/RP133/CTED1/RB1  
PGEC1/AN4/C1IN1+/RP134/RB2  
PGED1/AN5/C1IN1-/RP135/RB3  
SCL2/RP36/RB4  
PGED2/ASDA2/RP37/RB5  
PGEC2/ASCL2/RP38/RB6  
RP39/INT0/RB7  
TCK/CVref10/ASCL1/RP40/T4CK/RB8  
TMS/ASDA1/RP4/RB9  
RP42/RB10  
RP43/RB11  
RP44/RB12  
RP145/CTPLS/RB13  
RP146/T3CK/RB14  
RP147/T5CK/RB15

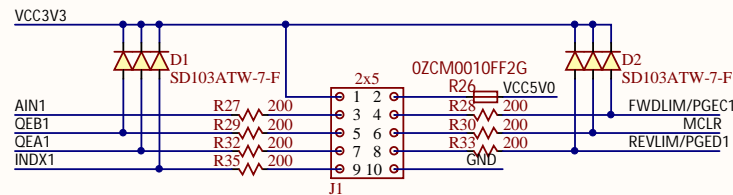
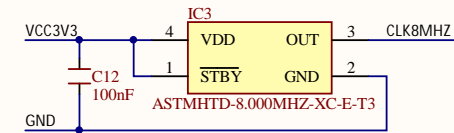
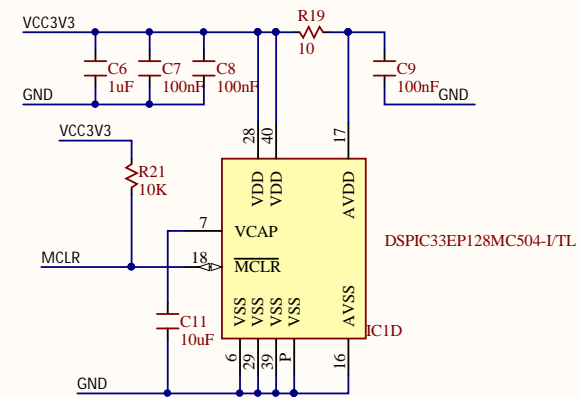
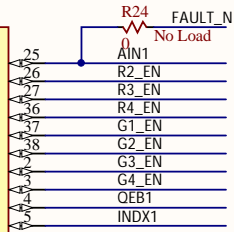
IC1B



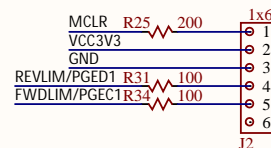
# DSPIC33EP128MC504-I/TL PORT C

AN6/OA3OUT/C4IN1+/OCFB/RC0  
AN7/C3IN1-/C4IN1-/RC1  
AN8/C3IN1+/U1RTS/BLCK1/RC2  
SDI1/RP151/RC3  
SDA1/RP152/RC4  
SCL1/RP153/RC5  
RP54/RC6  
RP55/RC7  
RP56/RC8  
RP57/RC9

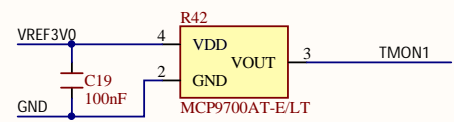
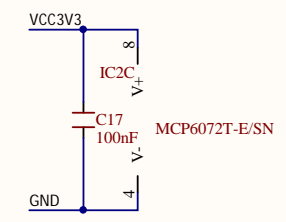
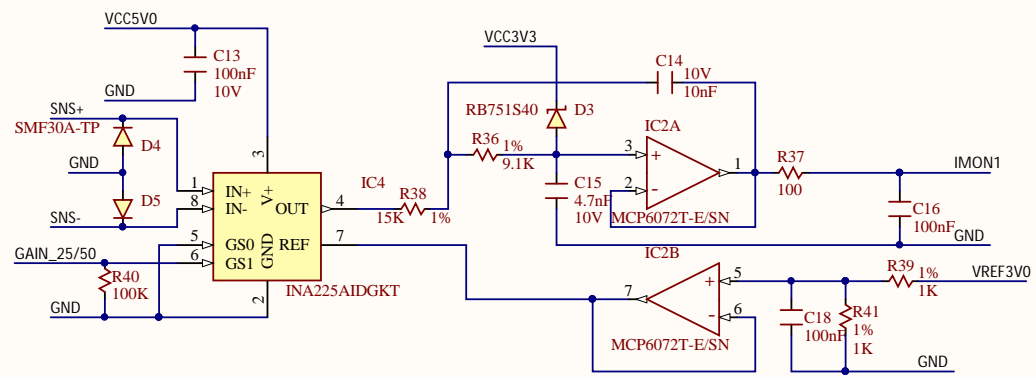
IC1C



20021521-00010T1LF



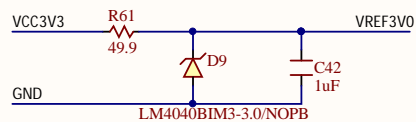
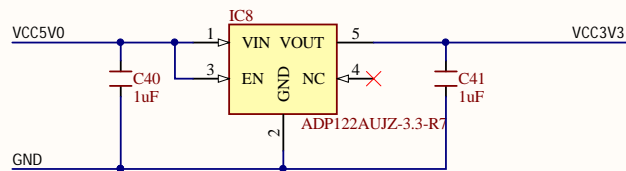
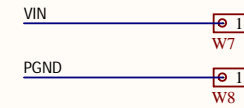
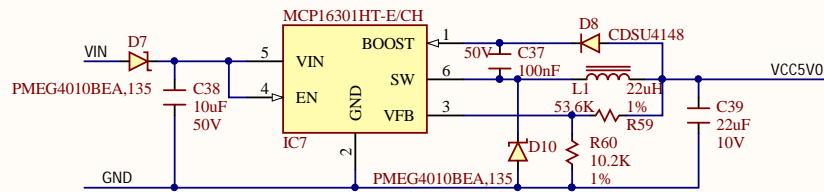
Title		Rev
Motor Controller		D.0
Doc#		500-334
Circuit		DSPIC
Author		GMA
Date		8/26/2016
Sheet#		2 out of 5
		BEYOND THEORY



Title		Rev
Motor Controller		D.0
Circuit		Volt and Temp Monitor
Doc#	500-334	Copyright 2016
Engineer	MTA	
Author	GMA	
Date	8/26/2016	
Sheet#	3 out of 5	







Title		Rev
Motor Controller		D.0
Circuit		Copyright 2016
Power Regulation		
Doc#	500-334	
Engineer	MTA	
Author	GMA	
Date	8/26/2016	
Sheet#	5 out of 5	

