

Static connections

RPI_I2C_SDA_sense TP99 TP92
RPI_I2C_SCL_sense TP100 TP93
RPI_AMP_EN_sense TP101 TP97
Audio_PWM_drive TP105 TP104

SEN3_IN0 TP108 TP110 SEN3_SDA
SEN3_IN1 TP113 TP111 SEN3_SCL
TP112 SEN3_AIN

SEN2_IN0 TP117 TP119 SEN2_SDA
SEN2_IN1 TP22 TP120 SEN2_SCL
TP121 SEN2_AIN

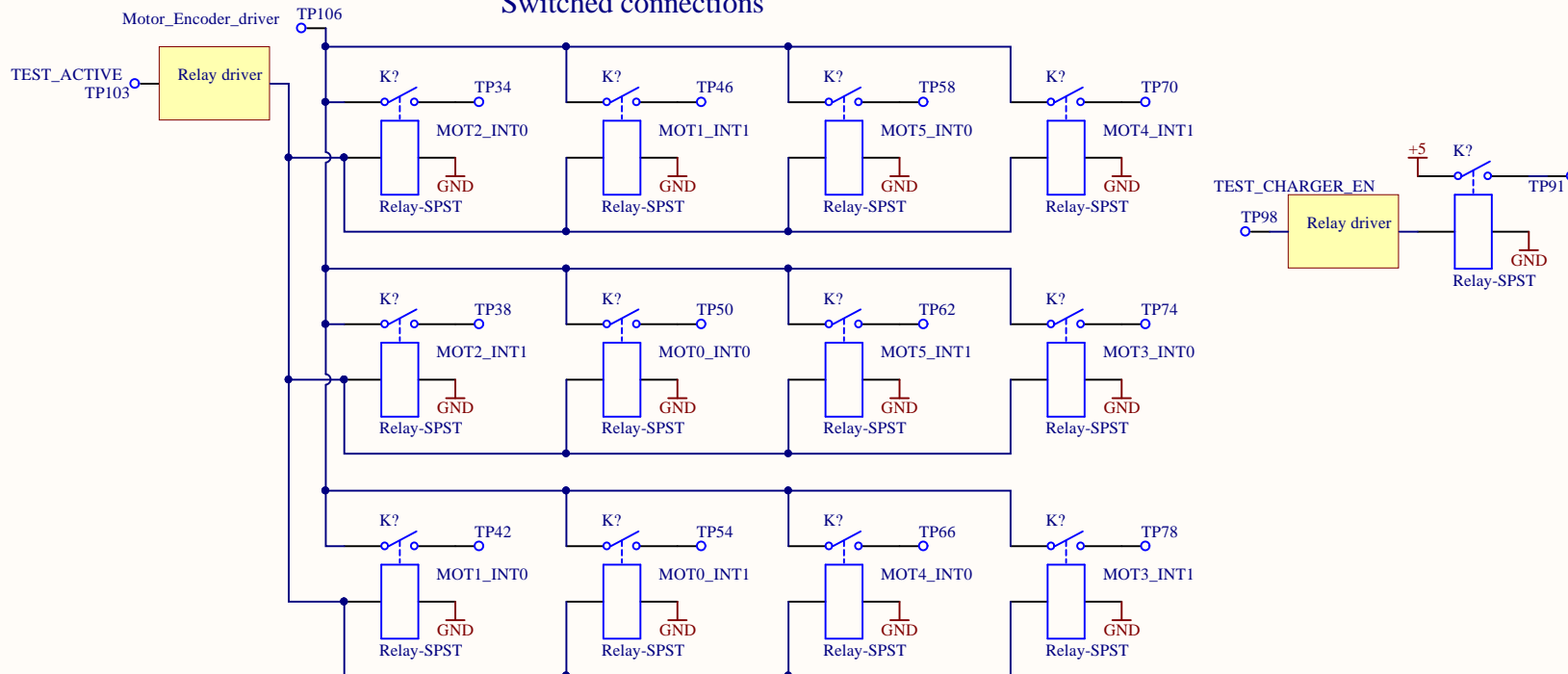
SEN1_IN0 TP126 TP128 SEN1_SDA
SEN1_IN1 TP131 TP129 SEN1_SCL
TP130 SEN1_AIN

SEN0_IN0 TP135 TP137 SEN0_SDA
SEN0_IN1 TP140 TP138 SEN0_SCL
TP139 SEN0_AIN

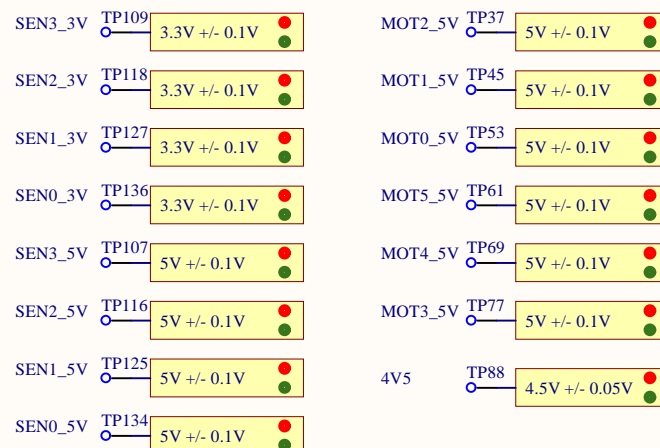
MOT2+ TP36 R? 10R TP40 MOT2-
MOT1+ TP44 R? 10R TP48 MOT1-
MOT0+ TP52 R? 10R TP56 MOT0-
MOT5+ TP60 R? 10R TP64 MOT5-
MOT4+ TP68 R? 10R TP72 MOT4-
MOT3+ TP76 R? 10R TP80 MOT3-

+10 TP83 MOTOR_POWER
TP94 GND
GND

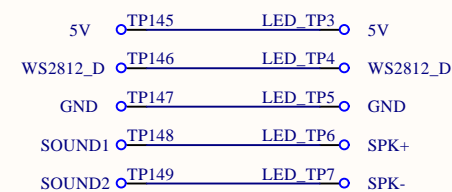
Switched connections



Voltage measurements



LED board connections



Title		
Test jig requirements		
Size	Number	Revision
A4		
Date:	2019. 09. 16.	Sheet of
File:	C:_RevolutionRobotics\MainBoard_Sch	Drawn By: