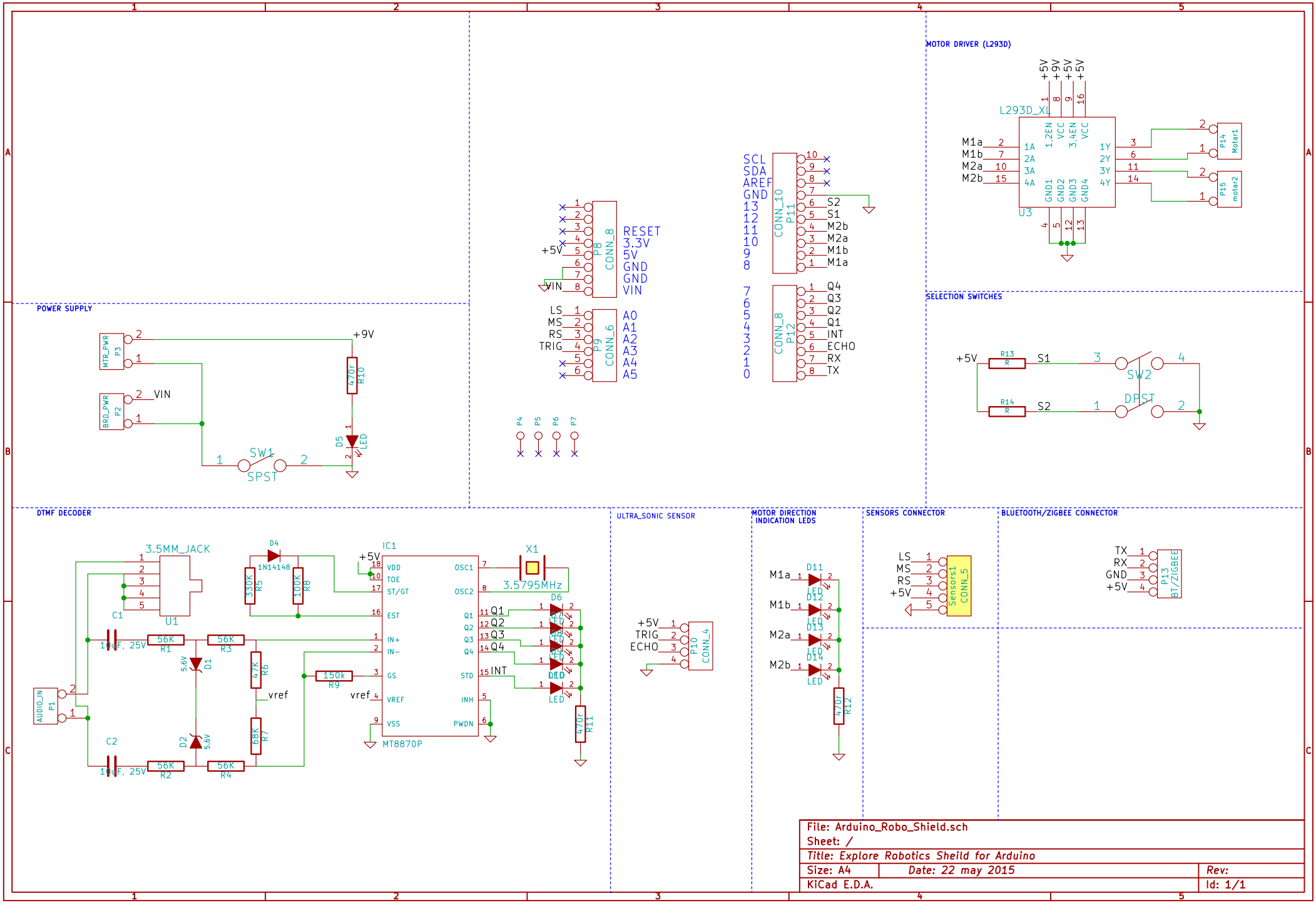
MOTOR DRIVER (L293D)
L293D_XL
U3
M1a
M1b
M2a
M2b
+5V
+9V
Motar1
motar2
SELECTION SWITCHES
S1
S2
SW2
DPST
POWER SUPPLY
MTR_PWR
BRD_PWR
VIN
SW1
SPST
LED
RESET
3.3V
5V
GND
VIN
SCL
SDA
AREF
CONN_10
CONN_8
CONN_6
S2
S1
M2b
M2a
M1b
M1a
Q4
Q3
Q2
Q1
INT
ECHO
RX
TX
A0
A1
A2
A3
A4
A5
DTMF DECODER
3.5MM_JACK
U1
IC1
MT8870P
X1
3.5795MHz
1N14148
AUDIO_IN
vref
ULTRA_SONIC SENSOR
TRIG
ECHO
MOTOR DIRECTION INDICATION LEDS
SENSORS CONNECTOR
Sensors1
BLUETOOTH/ZIGBEE CONNECTOR
BT/ZIGBEE
File: Arduino_Robo_Shield.sch
Sheet: /
Title: Explore Robotics Sheild for Arduino
Size: A4
Date: 22 may 2015
Rev:
KiCad E.D.A.
Id: 1/1