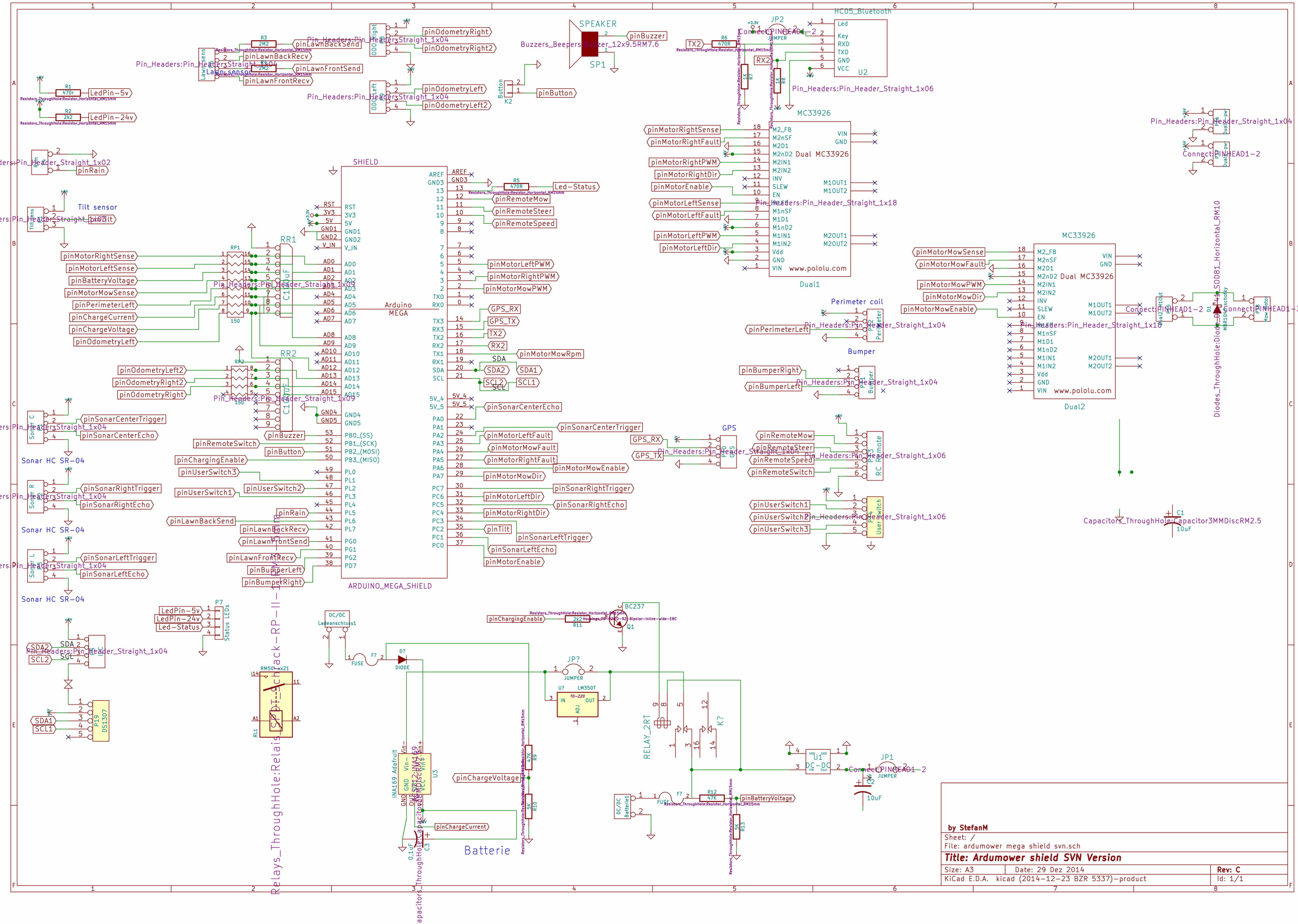

SHIELD
ARDUINO_MEGA_SHIELD
Arduino MEGA
SPEAKER
Buzzers_Beepers:Buzzer_12x9.5RM7.6
SP1
pinBuzzer
HC05_Bluetooth
U2
JP2
Connect:PINHEAD1-2
MC33926
Dual1
Dual2
Pin_Headers:Pin_Header_Straight_1x18
Pin_Headers:Pin_Header_Straight_1x06
Pin_Headers:Pin_Header_Straight_1x04
Pin_Headers:Pin_Header_Straight_1x02
Pin_Headers:Pin_Header_Straight_1x09
Tilt sensor
Lawn sensor
Sonar HC SR-04
Perimeter coil
Bumper
GPS
RC Remote
Batterie
RR1
RR2
C11 100uF
C12 100uF
Relays_ThroughHole:Relais_SPDT_Schrack-RP-II-
Capacitors_ThroughHole:Capacitor_Radial_D5_L11_P2.5
Diodes_ThroughHole:Diode_DO-41_SOD81_Horizontal_RM10
Capacitors_ThroughHole:Capacitor3MMDiscRM2.5
10uF
0.1uF
RELAY_2RT
INA169 Adafruit
DC-DC
LM350T
pinMotorRightSense
pinMotorLeftSense
pinBatteryVoltage
pinMotorMowSense
pinPerimeterLeft
pinChargeCurrent
pinChargeVoltage
pinOdometryLeft
pinOdometryRight
pinOdometryLeft2
pinOdometryRight2
pinRain
pinTilt
pinLawnBackSend
pinLawnBackRecv
pinLawnFrontSend
pinLawnFrontRecv
pinSonarCenterTrigger
pinSonarCenterEcho
pinSonarLeftTrigger
pinSonarLeftEcho
pinSonarRightTrigger
pinSonarRightEcho
pinRemoteMow
pinRemoteSteer
pinRemoteSpeed
pinRemoteSwitch
pinMotorRightPWM
pinMotorRightDir
pinMotorEnable
pinMotorLeftPWM
pinMotorLeftDir
pinMotorMowPWM
pinMotorMowDir
pinMotorMowEnable
pinMotorRightFault
pinMotorLeftFault
pinMotorMowFault
pinMotorMowRpm
pinChargingEnable
pinUserSwitch1
pinUserSwitch2
pinUserSwitch3
pinButton
pinBumperLeft
pinBumperRight
GPS_RX
GPS_TX
TX2
RX2
SDA
SCL
SDA1
SCL1
SDA2
SCL2
LedPin-5v
LedPin-24v
Led-Status
Status LEDs
by StefanM
Sheet: /
File: ardumower mega shield svn.sch
Title: Ardumower shield SVN Version
Size: A3
Date: 29 Dez 2014
Rev: C
KiCad E.D.A. kicad (2014-12-23 BZR 5337)-product
Id: 1/1