Power

File: Power.kicad_sch

MotorDriver

File: MotorDriver.kicad_sch

https://github.com/emakefun/RaspberryPi-MotorDriveBoard

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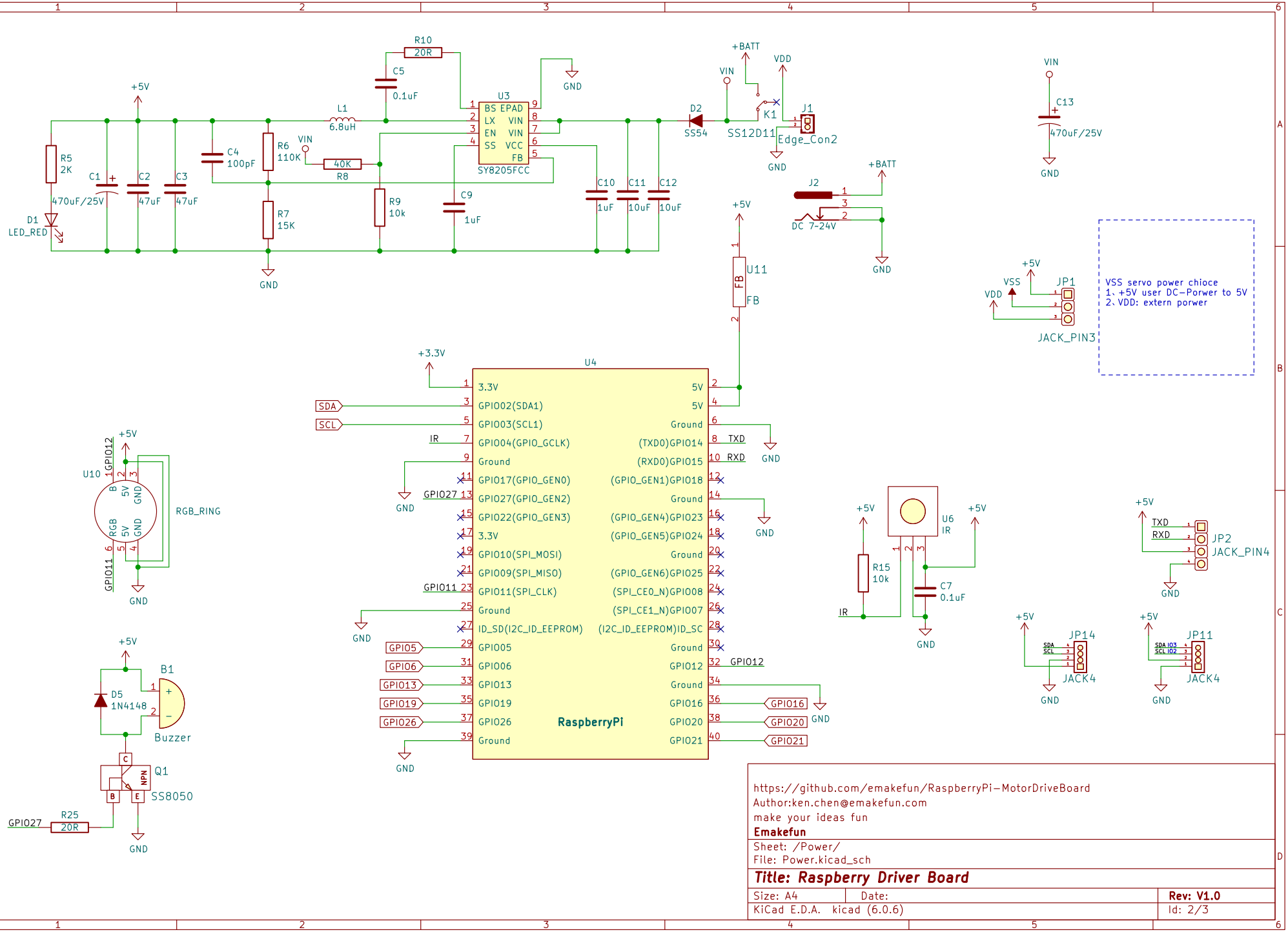
Author:ken.chen@emakefun.com
make your ideas fun
Emakefun

Sheet: /
File: RaspBerryDriverBoard.kicad_sch

Title: Raspberry Driver Board

Size: A4	Date:	**Rev: V1.0**
KiCad E.D.A. kicad (6.0.6)		Id: 1/3



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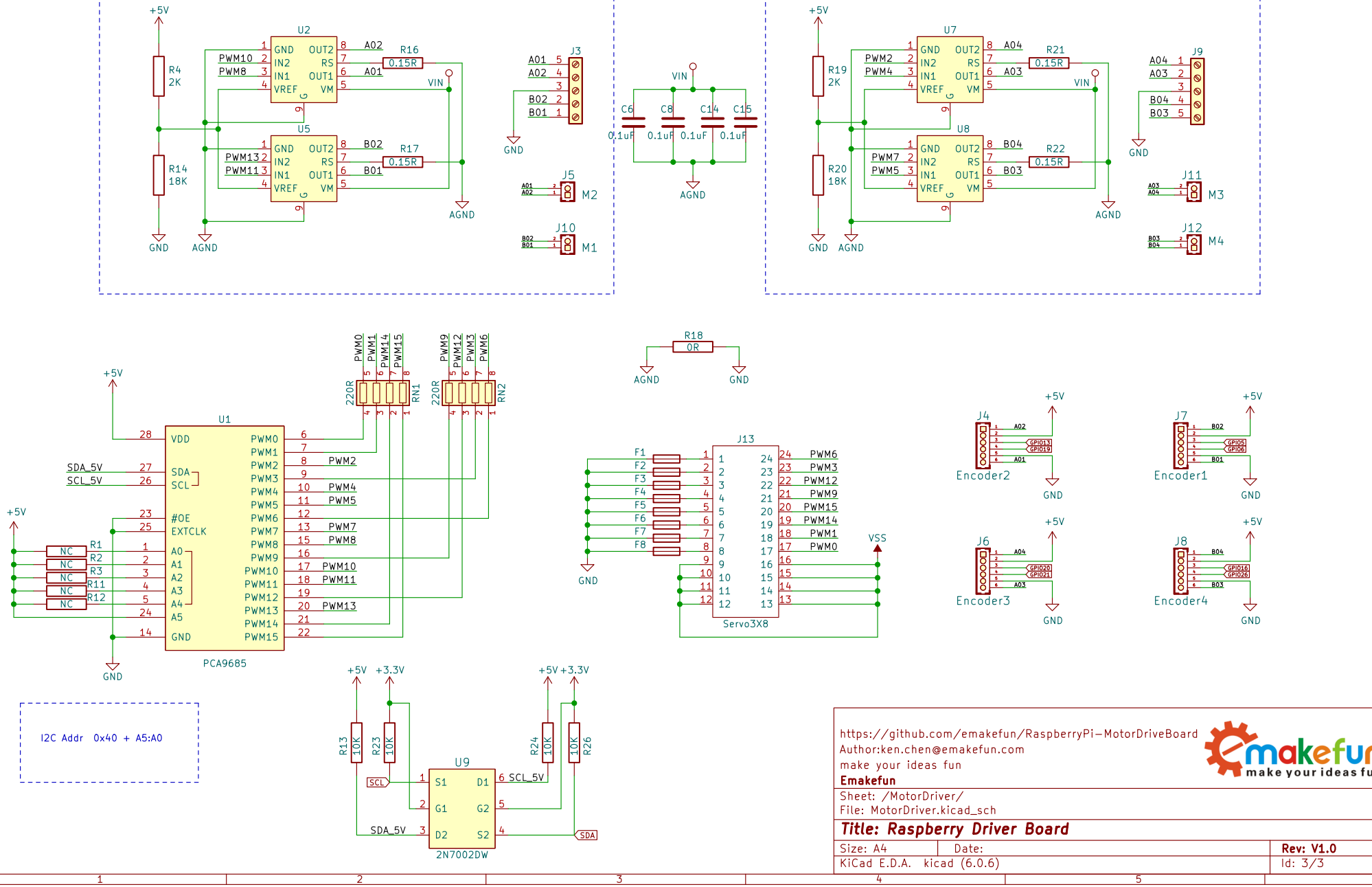
Size: A4	Date:	**Rev: V1.0**
KiCad E.D.A. kicad (6.0.6)		Id: 2/3


U2
U5
U7
U8
U1
PCA9685
U9
2N7002DW
J13
Servo3X8
J3
J5
J10
J9
J11
J12
J4
J7
J6
J8
Encoder2
Encoder1
Encoder3
Encoder4
R4 2K
R14 18K
R19 2K
R20 18K
R16 0.15R
R17 0.15R
R21 0.15R
R22 0.15R
R18 0R
C6 0.1uF
C8 0.1uF
C14 0.1uF
C15 0.1uF
RN1 220R
RN2 220R
R1 NC
R2 NC
R3 NC
R11 NC
R12 NC
R13 10K
R23 10K
R24 10K
R26 10K
+5V
+3.3V
VIN
GND
AGND
VSS
SDA_5V
SCL_5V
SCL
SDA
I2C Addr 0x40 + A5:A0
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KiCad E.D.A. kicad (6.0.6)
Id: 3/3