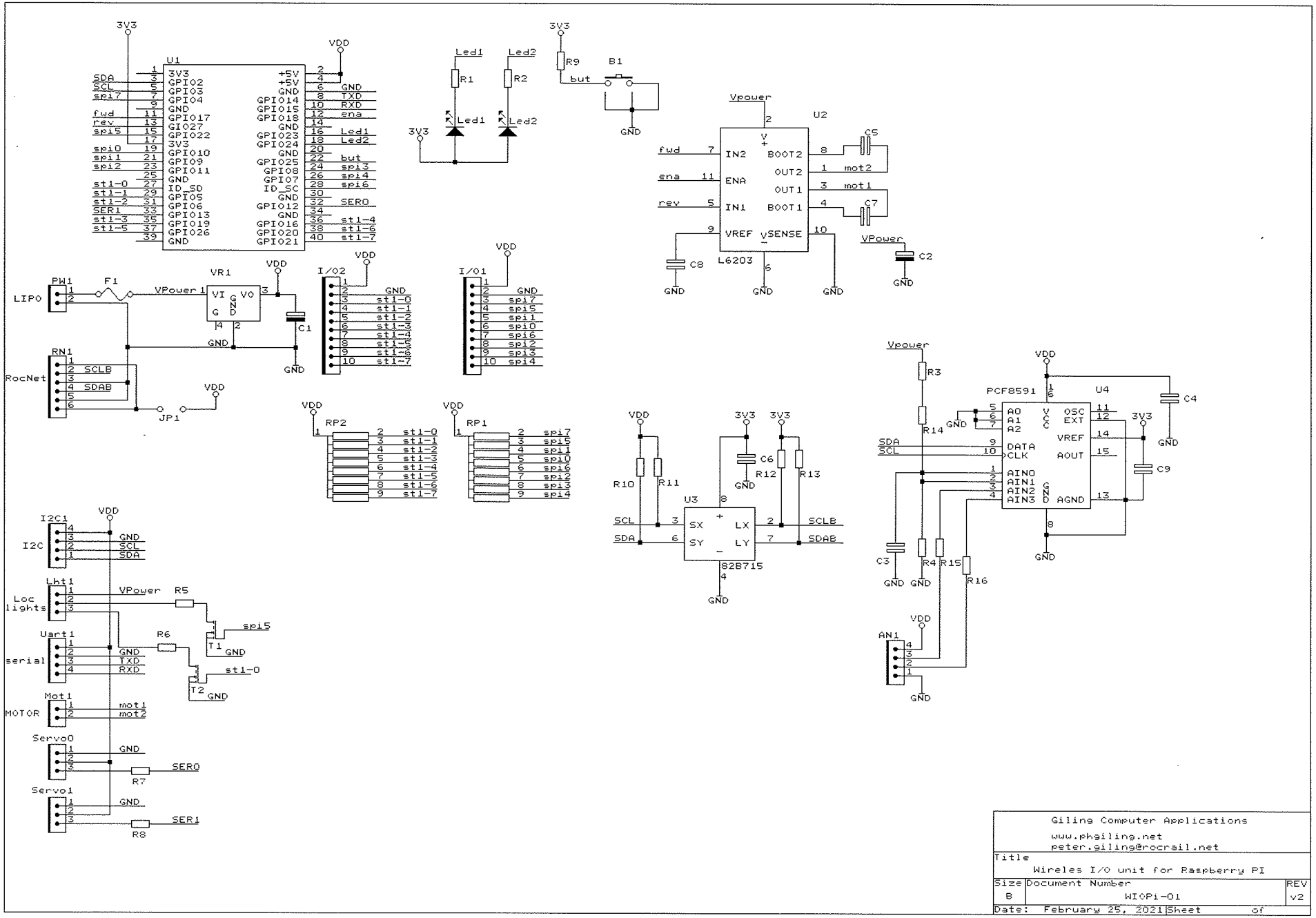
U1
3V3
GPIO2
GPIO3
GPIO4
GND
GPIO17
GI027
GPIO22
3V3
GPIO10
GPIO9
GPIO11
GND
ID_SD
GPIO5
GPIO6
GPIO13
GPIO19
GPIO26
GND
+5V
+5V
GND
GPIO14
GPIO15
GPIO18
GND
GPIO23
GPIO24
GND
GPIO25
GPIO8
GPIO7
ID_SC
GND
GPIO12
GND
GPIO16
GPIO20
GPIO21
SDA
SCL
spi7
fwd
rev
spi5
spi0
spi1
spi2
st1-0
st1-1
st1-2
SER1
st1-3
st1-5
GND
TXD
RXD
ena
Led1
Led2
but
spi3
spi4
spi6
SER0
st1-4
st1-6
st1-7
VDD
Led1
Led2
R1
R2
R9
B1
but
U2
Vpower
IN2
ENA
IN1
VREF
BOOT2
OUT2
OUT1
BOOT1
VSENSE
L6203
C5
C7
C8
C2
mot2
mot1
PW1
LIPO
F1
VR1
VI
VO
GND
C1
RN1
RocNet
SCLB
SDAB
JP1
I/02
I/01
RP2
RP1
U3
SX
SY
LX
LY
82B715
C6
R10
R11
R12
R13
PCF8591
U4
A0
A1
A2
DATA
CLK
AIN0
AIN1
AIN2
AIN3
OSC
EXT
VREF
AOUT
AGND
R3
R14
C4
C9
C3
R4
R15
R16
AN1
I2C1
I2C
Lht1
Loc lights
R5
Uart1
serial
R6
T1
T2
Mot1
MOTOR
Servo0
R7
Servo1
R8
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