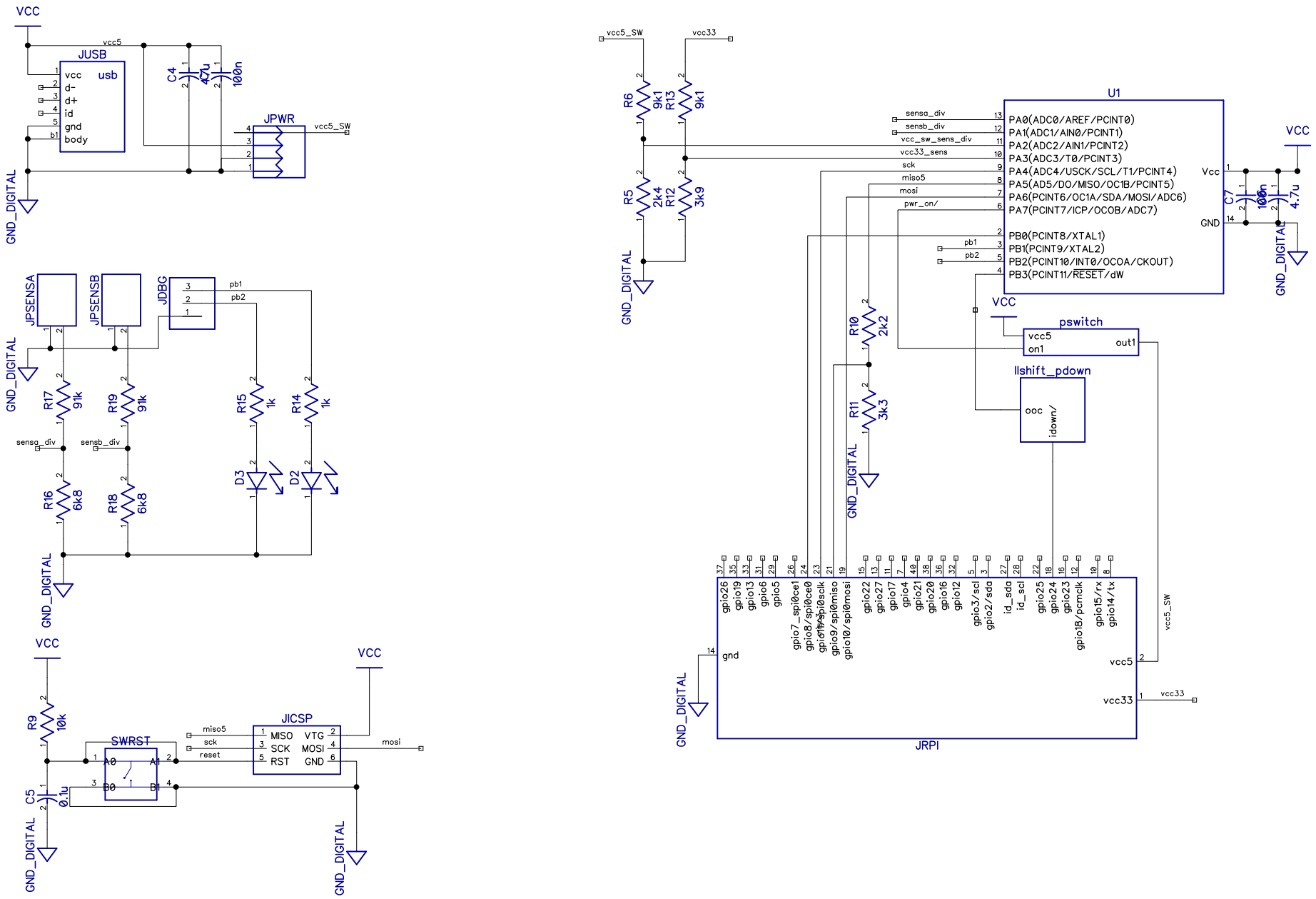
VCC
JUSB
vcc
usb
d-
d+
id
gnd
body
vcc5
C4
47u
100n
JPWR
vcc5_SW
GND_DIGITAL
JPSENSA
JPSENSB
JDBG
pb1
pb2
R17
91k
R19
91k
R15
1k
R14
1k
sensa_div
sensb_div
R16
6k8
R18
6k8
D3
D2
R9
10k
SWRST
A0
A1
B0
B1
C5
0.1u
miso5
sck
reset
JICSP
MISO
SCK
RST
VTG
MOSI
GND
mosi
vcc5_SW
vcc33
R6
9k1
R13
9k1
R5
2k4
R12
3k9
U1
sensa_div
sensb_div
vcc_sw_sens_div
vcc33_sens
sck
miso5
mosi
pwr_on/
PA0(ADC0/AREF/PCINT0)
PA1(ADC1/AIN0/PCINT1)
PA2(ADC2/AIN1/PCINT2)
PA3(ADC3/T0/PCINT3)
PA4(ADC4/USCK/SCL/T1/PCINT4)
PA5(AD5/DO/MISO/OC1B/PCINT5)
PA6(PCINT6/OC1A/SDA/MOSI/ADC6)
PA7(PCINT7/ICP/OC0B/ADC7)
PB0(PCINT8/XTAL1)
PB1(PCINT9/XTAL2)
PB2(PCINT10/INT0/OC0A/CKOUT)
PB3(PCINT11/RESET/dW)
Vcc
GND
C7
100n
4.7u
pb1
pb2
R10
2k2
R11
3k3
pswitch
vcc5
on1
out1
llshift_pdown
ooc
idown/
JRPI
gpio26
gpio19
gpio13
gpio6
gpio5
gpio7_spi0ce1
gpio8/spi0ce0
gpio11/spi0sclk
gpio9/spi0miso
gpio10/spi0mosi
gpio22
gpio27
gpio17
gpio4
gpio21
gpio20
gpio16
gpio12
gpio3/scl
gpio2/sda
id_sda
id_scl
gpio25
gpio24
gpio23
gpio18/pcmclk
gpio15/rx
gpio14/tx
gnd
vcc5
vcc33