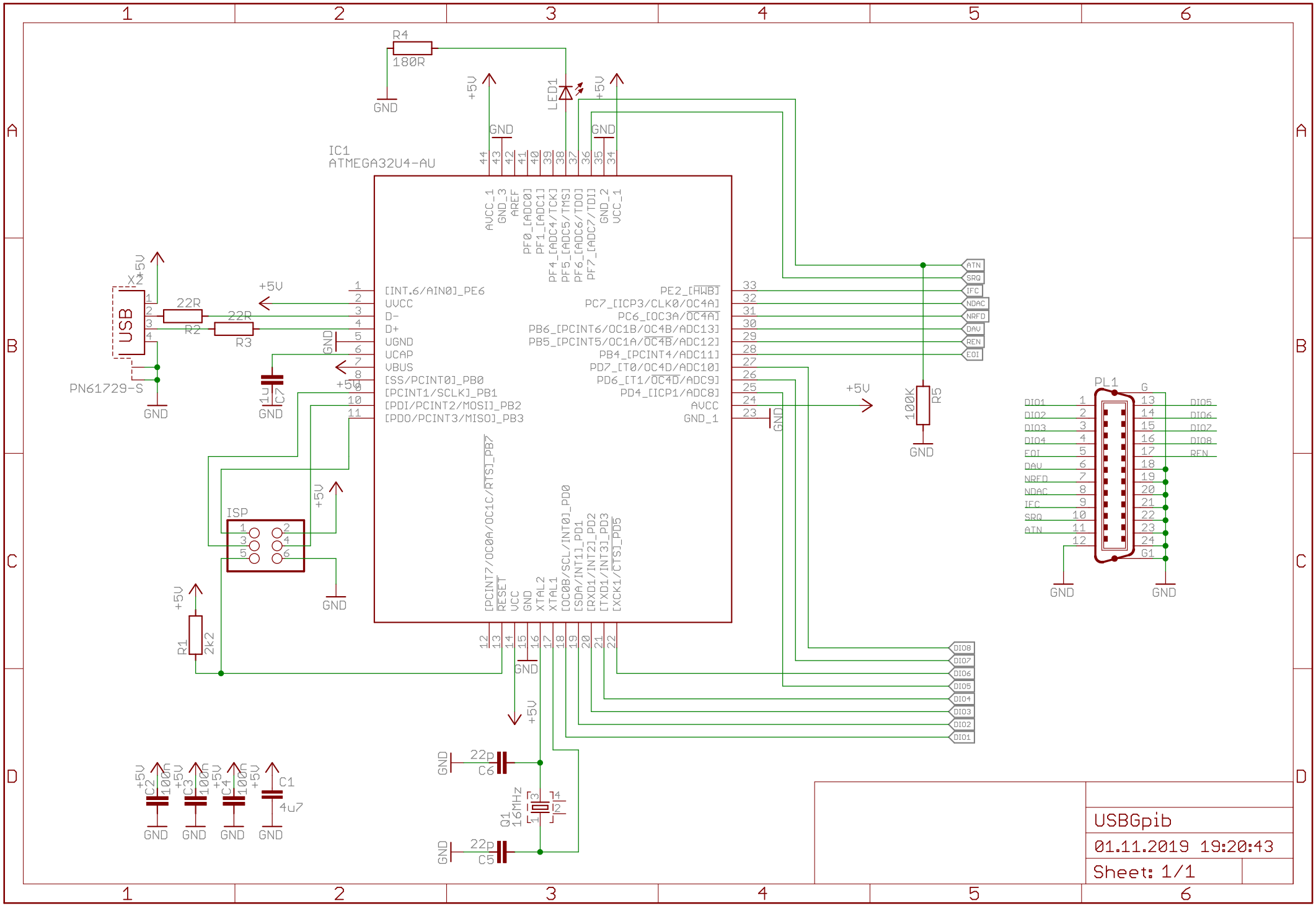
R4
180R
GND
+5V
LED1
IC1
ATMEGA32U4-AU
AVCC_1
GND_3
AREF
PF0_[ADC0]
PF1_[ADC1]
PF4_[ADC4/TCK]
PF5_[ADC5/TMS]
PF6_[ADC6/TDO]
PF7_[ADC7/TDI]
GND_2
VCC_1
[INT.6/AIN0]_PE6
UVCC
D-
D+
UGND
UCAP
VBUS
[SS/PCINT0]_PB0
[PCINT1/SCLK]_PB1
[PDI/PCINT2/MOSI]_PB2
[PDO/PCINT3/MISO]_PB3
PE2_[HWB]
PC7_[ICP3/CLK0/OC4A]
PC6_[OC3A/OC4A]
PB6_[PCINT6/OC1B/OC4B/ADC13]
PB5_[PCINT5/OC1A/OC4B/ADC12]
PB4_[PCINT4/ADC11]
PD7_[T0/OC4D/ADC10]
PD6_[T1/OC4D/ADC9]
PD4_[ICP1/ADC8]
AVCC
GND_1
[PCINT7/OC0A/OC1C/RTS1_PB7
RESET
VCC
GND
XTAL2
XTAL1
[OC0B/SCL/INT0]_PD0
[SDA/INT1]_PD1
[RXD1/INT2]_PD2
[TXD1/INT3]_PD3
[XCK1/CTS]_PD5
X2
USB
PN61729-S
22R
R2
R3
C7
1u
ISP
R1
2k2
ATN
SRQ
IFC
NDAC
NRFD
DAV
REN
EOI
R5
100K
PL1
DIO1
DIO2
DIO3
DIO4
DIO5
DIO6
DIO7
DIO8
C2
C3
C4
100n
C1
4u7
C6
C5
22p
Q1
16MHz
USBGpib
01.11.2019 19:20:43
Sheet: 1/1