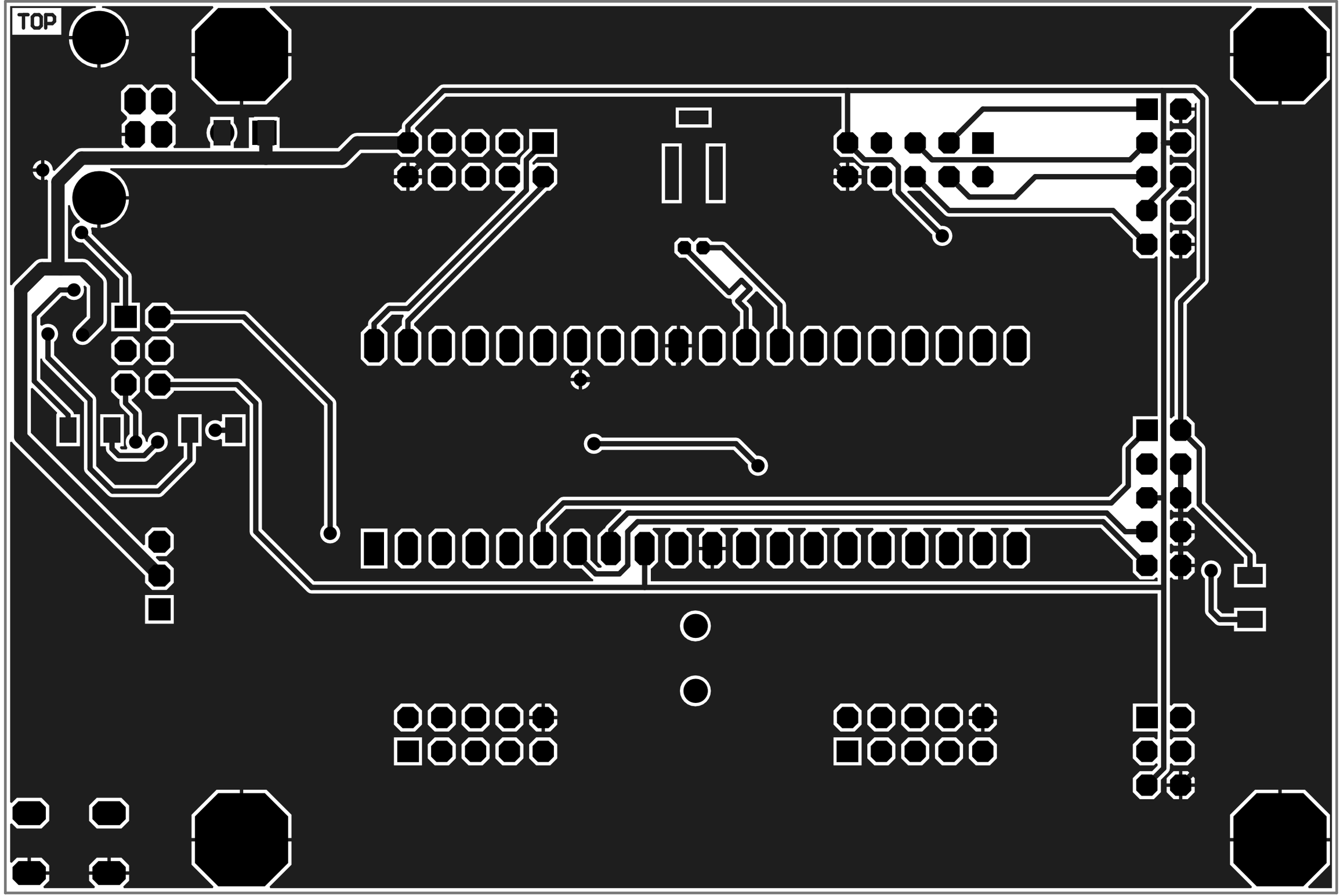
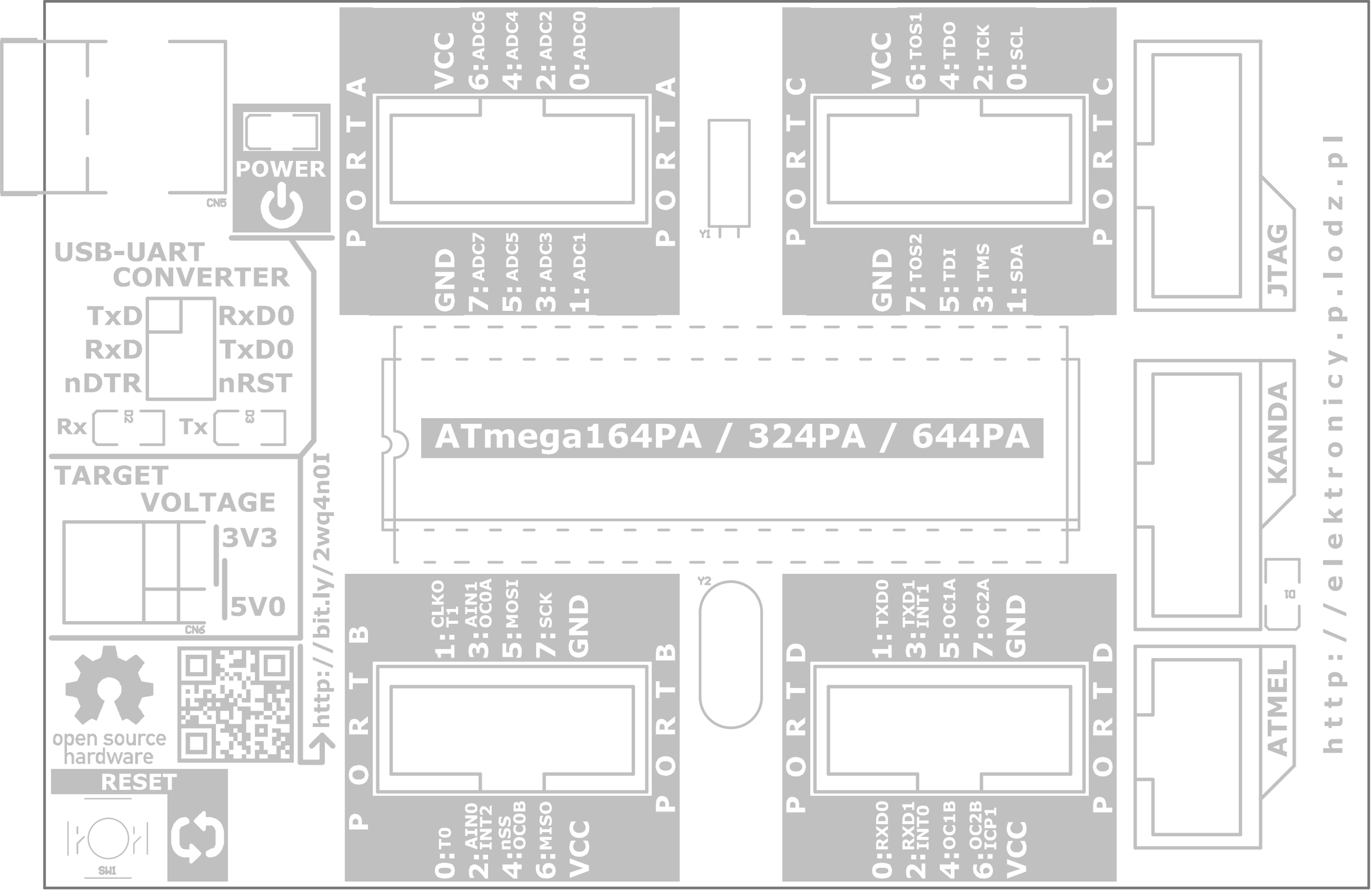
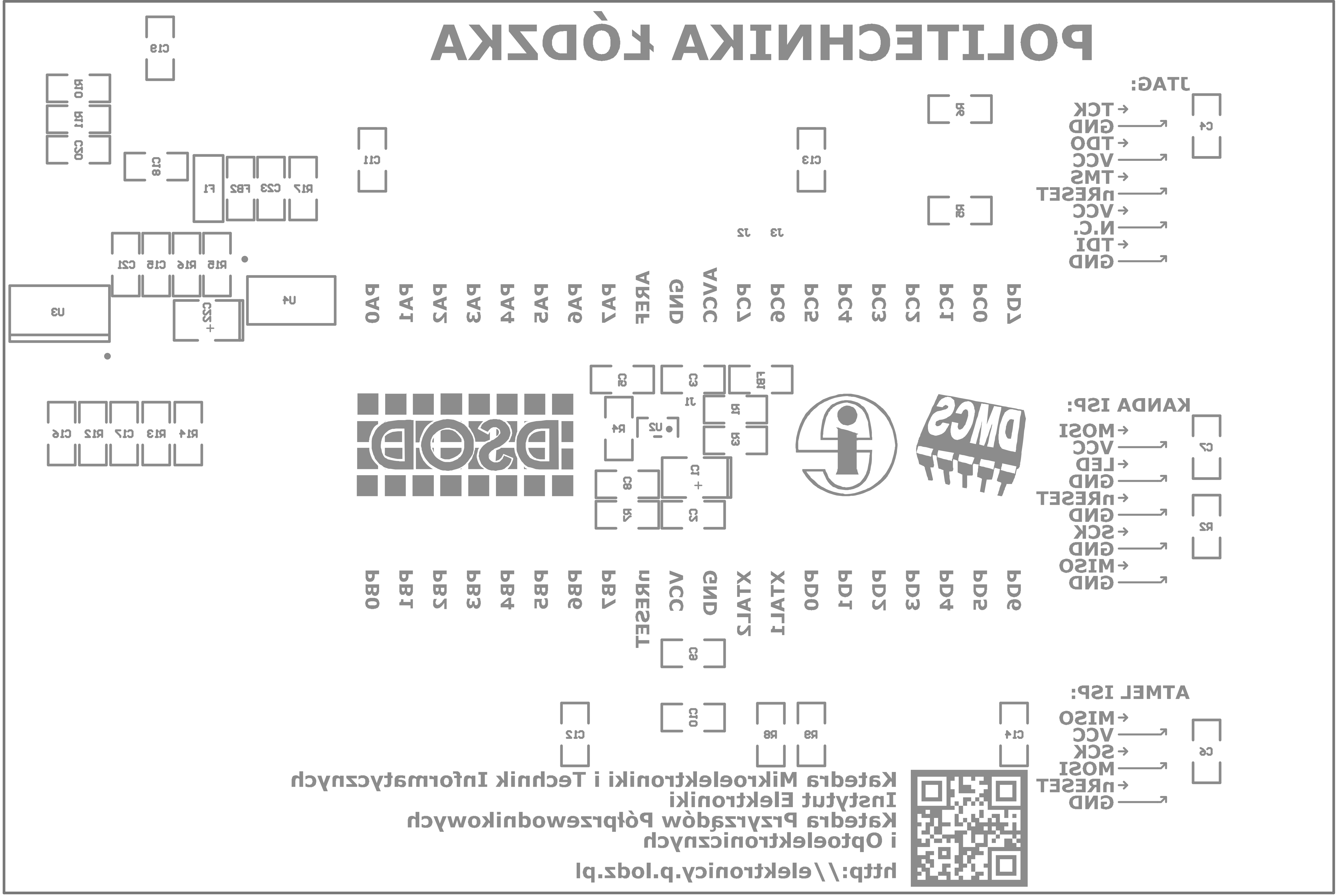

TOP

BOTTOM, 20180730


CN5
POWER
USB-UART
CONVERTER
TxD
RxD
nDTR
RxD0
TxD0
nRST
Rx
Tx
TARGET
VOLTAGE
3V3
5V0
CN6
http://bit.ly/2wq4n0I
open source
hardware
RESET
SW1
PORTA
VCC
6: ADC6
4: ADC4
2: ADC2
0: ADC0
GND
7: ADC7
5: ADC5
3: ADC3
1: ADC1
Y1
PORTC
VCC
6: TOS1
4: TDO
2: TCK
0: SCL
GND
7: TOS2
5: TDI
3: TMS
1: SDA
JTAG
ATmega164PA / 324PA / 644PA
KANDA
ID
ATMEL
PORTB
1: CLKO T1
3: AIN1 OC0A
5: MOSI
7: SCK
GND
0: T0
2: AIN0 INT2
4: nSS OC0B
6: MISO
VCC
Y2
PORTD
1: TXD0
3: TXD1 INT1
5: OC1A
7: OC2A
GND
0: RXD0
2: RXD1 INT0
4: OC1B
6: OC2B ICP1
VCC
http://elektronicy.p.lodz.pl


POLITECHNIKA ŁÓDZKA
JTAG:
TCK
GND
TDO
VCC
TMS
nRESET
VCC
N.C.
TDI
GND
PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7 AREF GND AVCC PC7 PC6 PC5 PC4 PC3 PC2 PC1 PC0 PD7
PB0 PB1 PB2 PB3 PB4 PB5 PB6 PB7 nRESET VCC GND XTAL2 XTAL1 PD0 PD1 PD2 PD3 PD4 PD5 PD6
DSOD
DMCS
KANDA ISP:
MOSI
VCC
LED
GND
nRESET
GND
SCK
GND
MISO
GND
ATMEL ISP:
MISO
VCC
SCK
MOSI
nRESET
GND
Katedra Mikroelektroniki i Technik Informatycznych
Instytut Elektroniki
Katedra Przyrządów Półprzewodnikowych
i Optoelektronicznych
http://elektronicy.p.lodz.pl