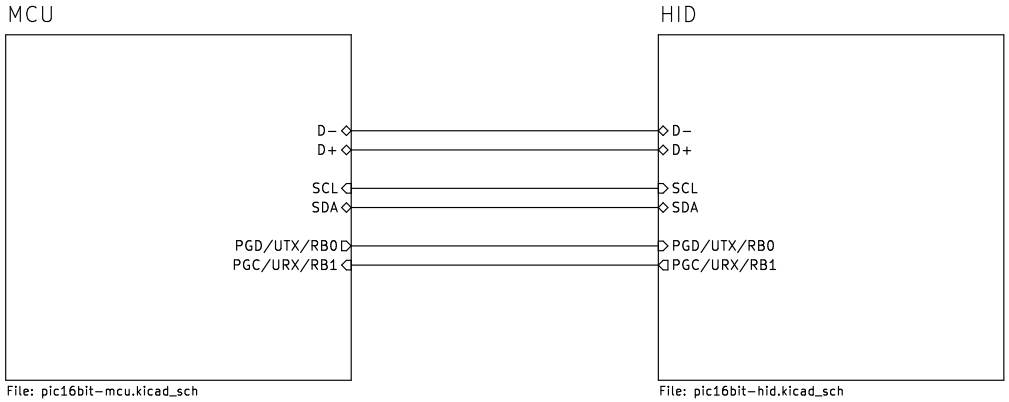

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PIC16−Bit Mini Trainer

Diagram

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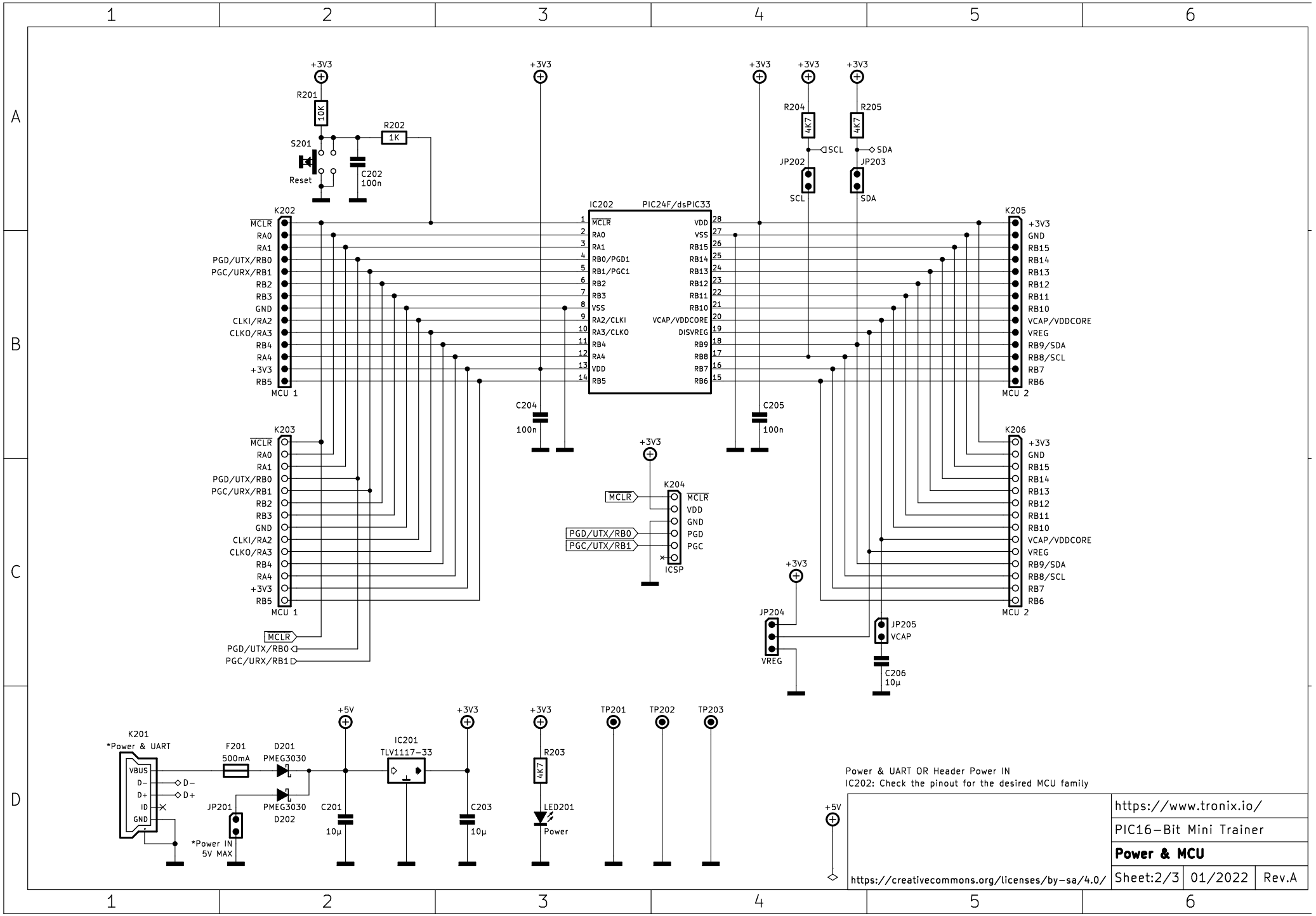
+3V3
R201
10K
R202
1K
S201
Reset
C202
100n
IC202
PIC24F/dsPIC33
MCLR
RA0
RA1
RB0/PGD1
RB1/PGC1
RB2
RB3
VSS
RA2/CLKI
RA3/CLKO
RB4
RA4
VDD
RB5
RB15
RB14
RB13
RB12
RB11
RB10
VCAP/VDDCORE
DISVREG
RB9
RB8
RB7
RB6
R204
4K7
R205
4K7
SCL
SDA
JP202
JP203
K202
MCU 1
K203
MCU 1
K205
MCU 2
K206
MCU 2
C204
100n
C205
100n
K204
ICSP
PGD/UTX/RB0
PGC/UTX/RB1
JP204
VREG
JP205
VCAP
C206
10µ
K201
*Power & UART
VBUS
D−
D+
ID
GND
F201
500mA
D201
PMEG3030
D202
PMEG3030
JP201
*Power IN
5V MAX
+5V
C201
10µ
IC201
TLV1117−33
C203
10µ
R203
4K7
LED201
Power
TP201
TP202
TP203
Power & UART OR Header Power IN
IC202: Check the pinout for the desired MCU family
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PIC16−Bit Mini Trainer
Power & MCU
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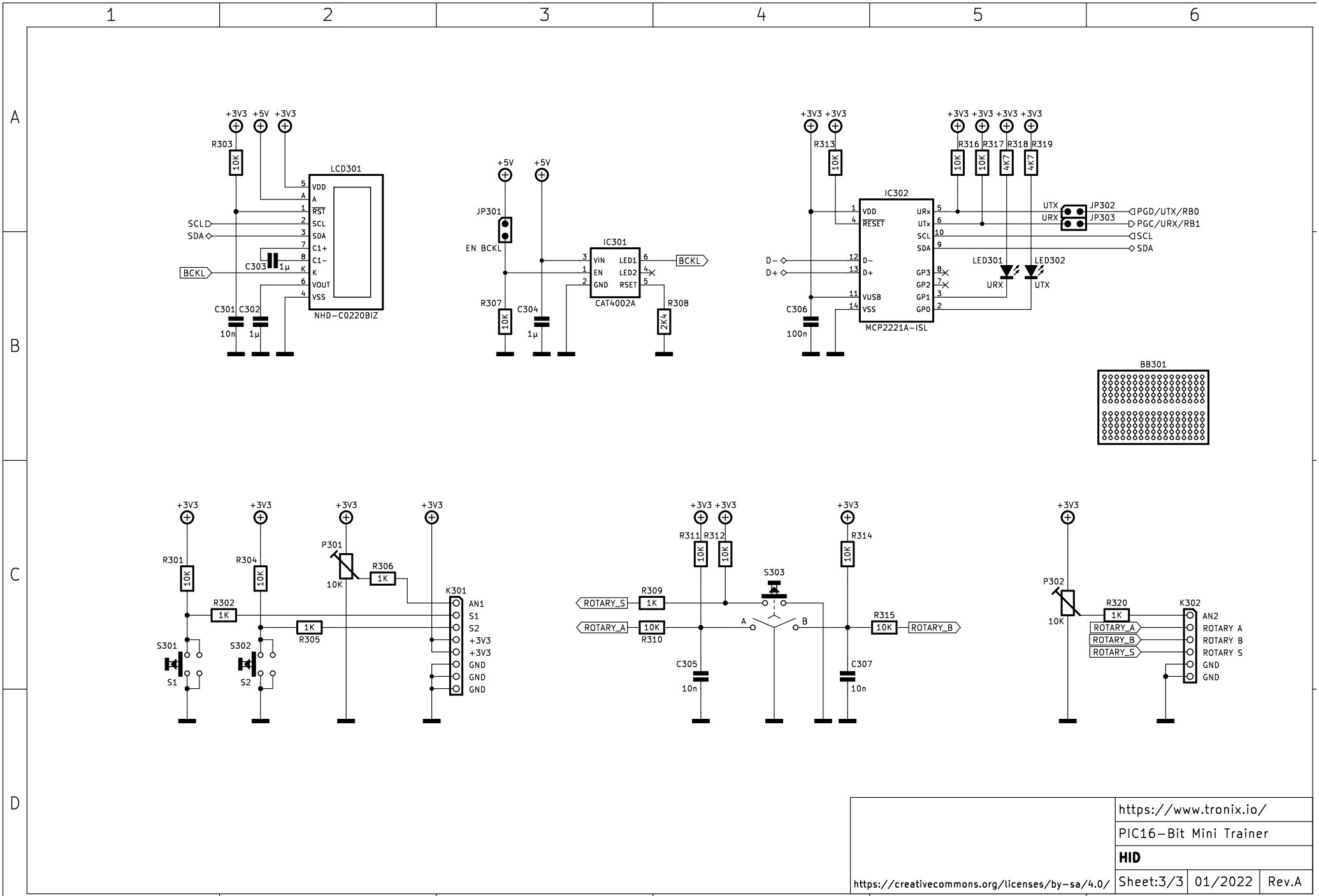

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HID

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