K1 MCU_1

Pin	Net
SDA/RB9	RB9/SDA
RC6	RC6
RC7	RC7
RC8	RC8
RC9	RC9
RB10	RB10
RB11	RB11
RB12	RB12
RB13	RB13
RA10	RA10
RA7	RA7
RB14	RB14
RB15	RB15
GND	GND
+3V3	+3V3
MCLR	MCLR
RA0	RA0
RA1	RA1
PGD/RB0	RB0/PGD
PGC/RB1	RB1/PGC

K2 MCU_2

Pin	Net
SCL/RB8	RB8/SCL
RB7	RB7
UTX/RB6	RB6/UTX
URX/RB5	RB5/URX
RC5	RC5
RC4	RC4
RC3	RC3
RA9	RA9
RA4	RA4
RB4	RB4
RA8	RA8
RA3	RA3
CLKI/RA2	RA2/CLKI
GND	GND
+3V3	+3V3
RC2	RC2
RC1	RC1
RC0	RC0
RB3	RB3
RB2	RB2

IC1* dsPIC33/PIC24

IC2* MCP2221A

IC3 BU33SD5WG
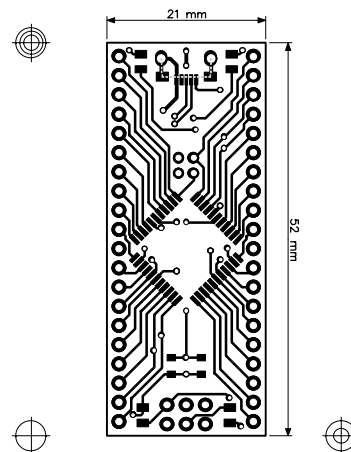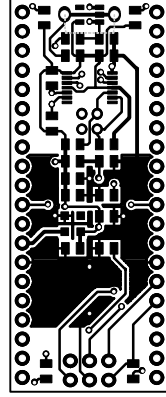
K4 USB-MICRO-B

K3 ICSP

MEMS1*

IC1*: Check the pinout for the desired MCU family.
C6*: Optional check MCU datasheet.
JP1* & JP2*: Optional check MCU datasheet.
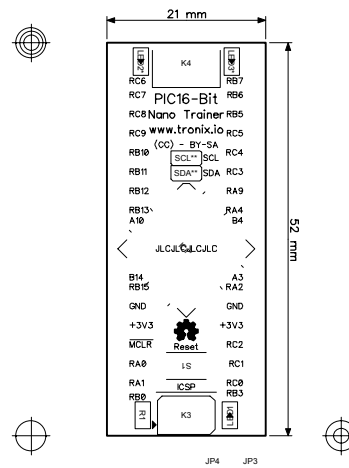MEMS1*: Optional check MCU datasheet for values.

*: UART Optional components.
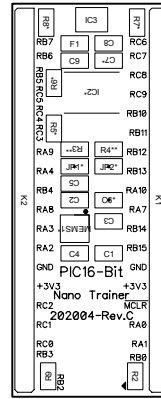**: I2C Optional components.

http://www.tronix.io/
PIC16-Bit Nano Trainer
dsPIC33/PIC24
http://creativecommons.org/licenses/by-sa/4.0/   Sheet : 1/1   04/2020   Rev.C

21 mm

52 mm

PIC16-Bit Nano Trainer - Rev.C - (04/2020) - SCALE: 100%

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21 mm

52 mm

K4

RC6
RC7
RC8
RC9
RB10
RB11
RB12
RB13
A10

B14
RB15

GND
+3V3
MCLR
RA0
RA1
RB0

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SCL** | SCL
SDA** | SDA

JLCJLCJLCJLC

Reset

S1

ICSP

K3

RB7
RB6
RB5
RC5
RC4
RC3
RA9
RA4
B4

A3
RA2
GND
+3V3
RC2
RC1
RC0
RB3

JP4   JP3

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