

TouchClamp click

PID: MIKROE-2294


Weight: 23 g


TouchClamp click is a mikroBUS™ add-on board with NXP's **MPR121** proximity capacitive touch sensor controller. It has seven plated holes for clamps which can be used to connect any – literally any – conductive object in order to use it as an input button to send an interrupt to the target board MCU.

Quantity

1  

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DESCRIPTION

SPECIFICATION

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TouchClamp click is a mikroBUS™ add-on board with NXP's **MPR121** proximity capacitive touch sensor controller. It has seven plated holes for clamps which can be used to connect any – literally any – conductive object in order to use it as an input button to send an interrupt to the target board MCU. It's great for creating installations where users interact with the environment in unexpected ways. There's also an extra capacitive button in the middle. TouchClamp click communicates with the target MCU through the mikroBUS™ INT pin and I2C interface (SCL, SDA). The board has an onboard ADDR. SEL. jumper for choosing I2C addresses. Designed to use a 3.3V power supply only

Downloads



TouchClamp click Examples 



TouchClamp click Schematic



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