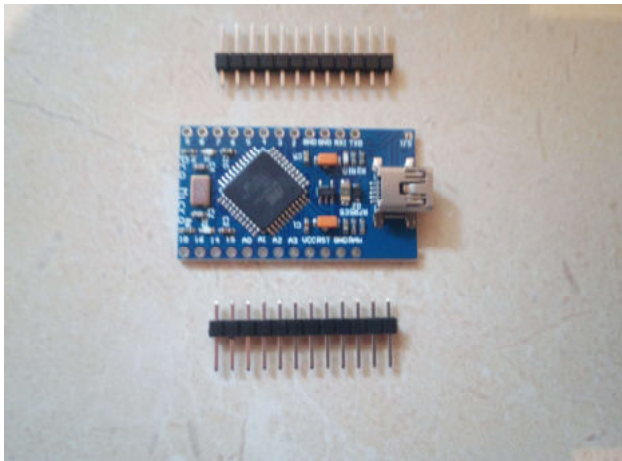


Micro USB Board for Arduino Leonardo



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PRODUCT INFORMATION

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Product advantages at a glance:

The board

- You can use the Micro USB Board flexibly in an array of settings and environments. All you need is a device with an Arduino driver.
- It works with every device with a micro USB port. For USB-C, you need an adapter.
- The board is completely programmable via app and serial terminal..
- You can use or create your own button styles and cases for the USB board.
- The USB board simulates programmable HID keyboards and mouse devices as well as serial port 322.
- The board and the Arduino driver are compatible with current Windows, Apple iOS and Linux versions.
- If required, we add the USB cable (length either 280 or 480 cm). You can also use every USB A cable with the board.

The app

- **If you use the app:** You can program up to 48 keys parallelly or in a sequence (6 commands in 8 command lists).
- Optional feature: manually entering strings on your keyboard if buttons are activated, held or released.
- You can simulate up to 56 mouse-clicks in a sequence (left, center, right).
- The app supports all keyboards layouts (keys are defined by their position on an English or German keyboard)
- The app saves all configurations by permanently flashing the board.
- It includes an internal user interface in order to enable manual programming via the serial terminal.

Technical data

Article name	ATMega 32U4
Product measurements (W/L)	4,3 cm x 2,3 cm
Net weight	6 g
Voltage	16 MHz, 5 V
Maximum voltage	12 V
Number of channels	4 (10-Bit ADB)
Number of pins	5
Additional connections	12 digital I/Os (5 of them PWM capable), serial hardware connections RX and TX
System requirements	File system based on Windows, Mac/IOS or Linux, Arduino IDE v1.0.1
Specifications of this board version	PTC fuse and diode protection, optimized LED circuit (RX und TX), on-board micro-USB connector for programming

Product photos

