



# KAmoD RPi Zero Proto



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Źródło: [https://wiki.kamamilabs.com/index.php?title=KAmoD\\_RPi\\_Zero\\_Proto](https://wiki.kamamilabs.com/index.php?title=KAmoD_RPi_Zero_Proto)

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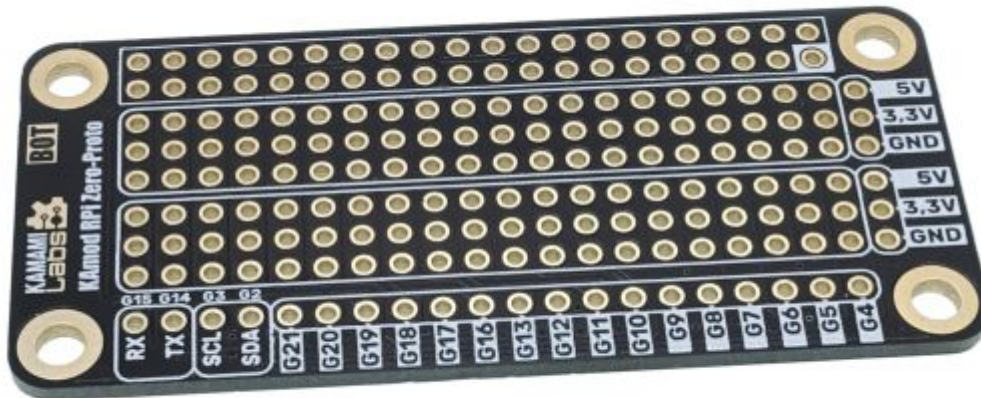
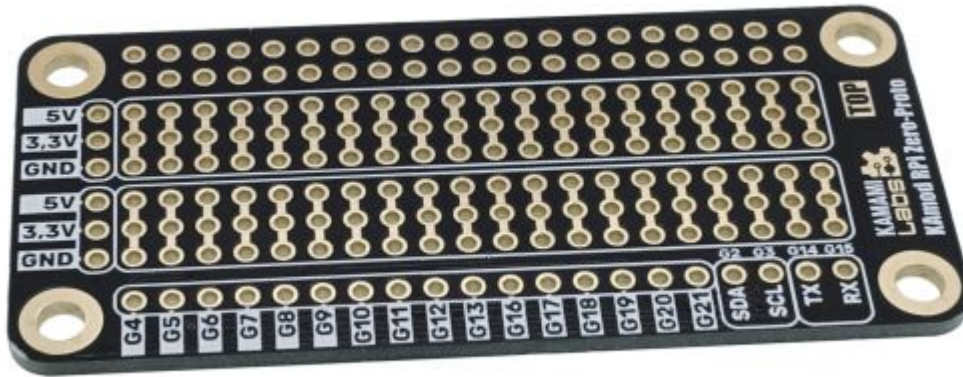
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## Description

### KAmoD RPi Zero Proto - Universal prototyping board for Raspberry Pi Zero

The KAmoD RPi Zero Proto universal board features a grid of plated-through holes arranged in a standard 2.54 mm pitch and connected into groups. This is a characteristic structure of universal boards that facilitates the creation of simple electronic circuits. Additionally, 16 standard GPIOs, power supply lines, and I2C and UART interfaces are broken out and clearly labeled on the board.

The KAmoD RPi Zero Proto board can be mounted using goldpin headers or directly onto the Raspberry Pi Zero and many other computers from the Raspberry Pi family.



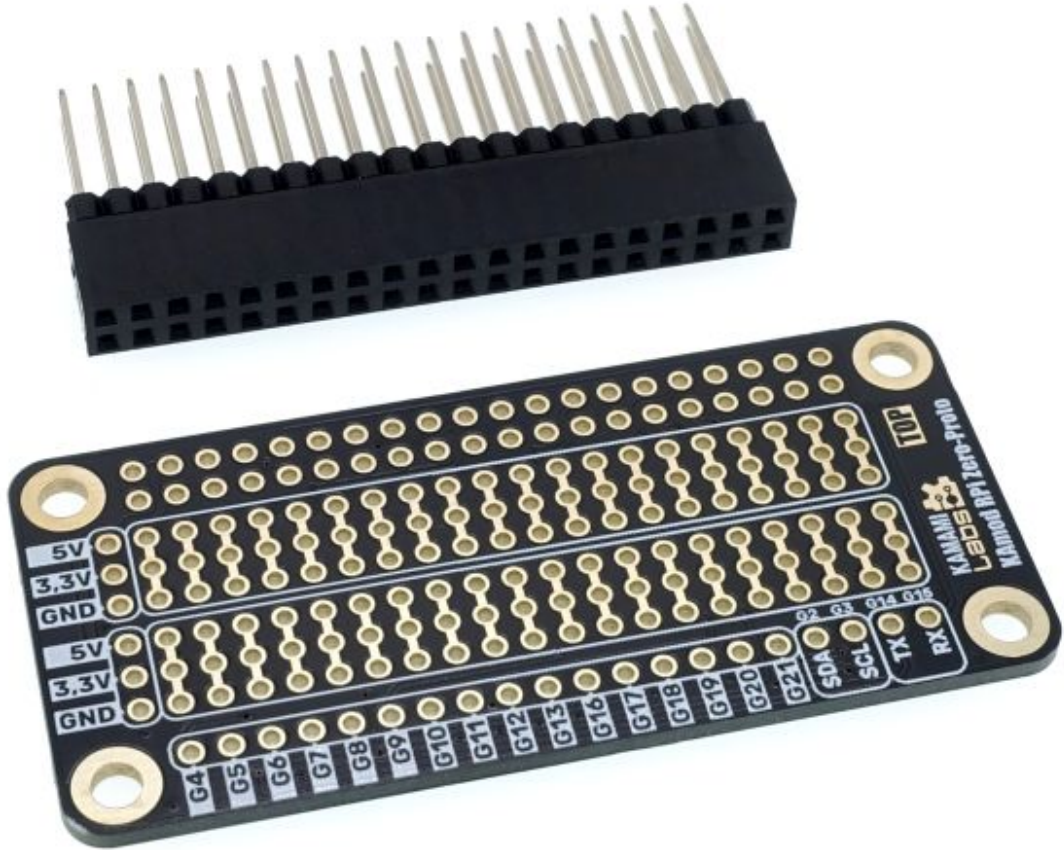
## Basic Parameters

- Adapted to the Raspberry Pi Zero form factor
- Features a grid of plated-through holes in a standard 2.54 mm pitch
- On-board markings facilitate identification of 16 standard GPIO ports as well as I2C and UART interfaces
- 5 V and 3.3 V power supply voltages are broken out
- Clear labels facilitate the identification of individual signals

- The Raspberry Pi Zero module can be mounted using goldpin headers or directly on the board surface
- Mounting holes correspond to the holes on the Raspberry Pi Zero board
- Board dimensions: 65 x 30 mm

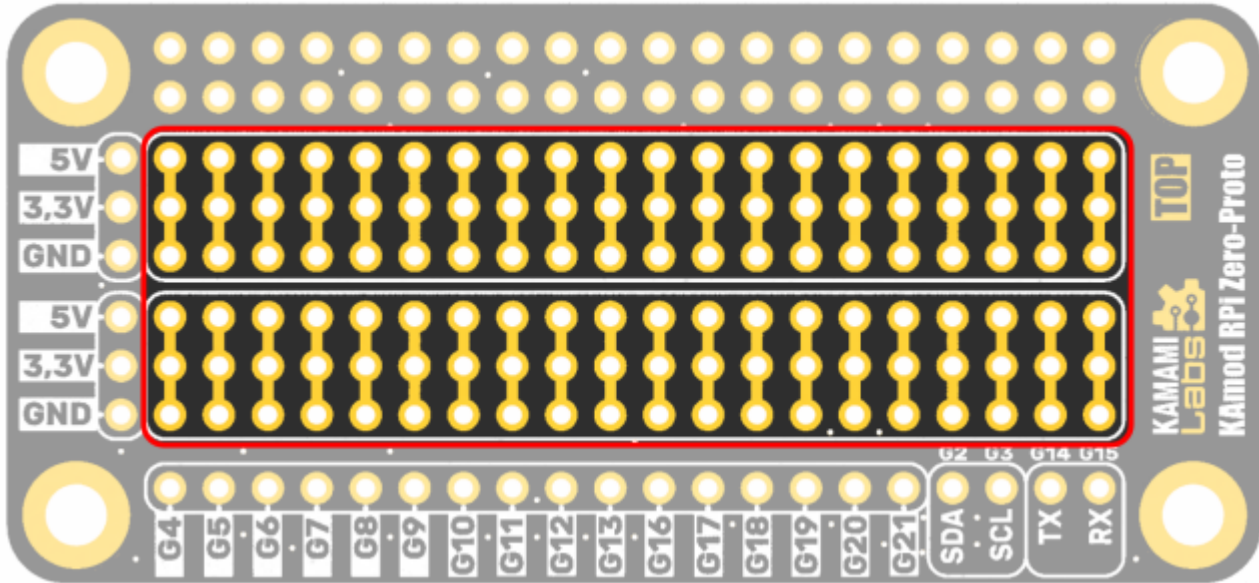
## Standard Equipment

Code	Description
<b>KAmoD RPi Zero Proto</b>	<ul style="list-style-type: none"> <li>• Universal prototyping board</li> <li>• 1 x Straight male header 2x20 (40-pin) 2.54 mm</li> </ul>



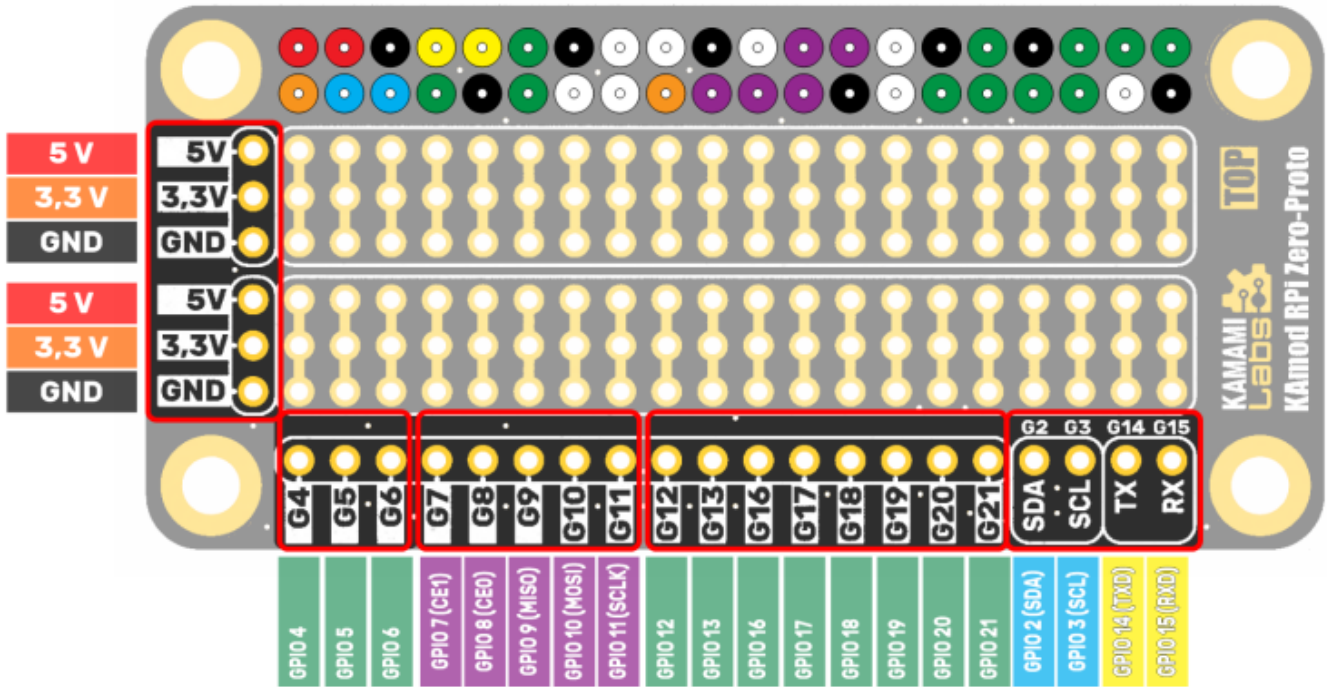
## Electrical Connection Diagram

The electrical connections between individual solder pads are shown in the figure below - this is the top view. The copper tracks connecting the holes are routed only on the top side of the board.



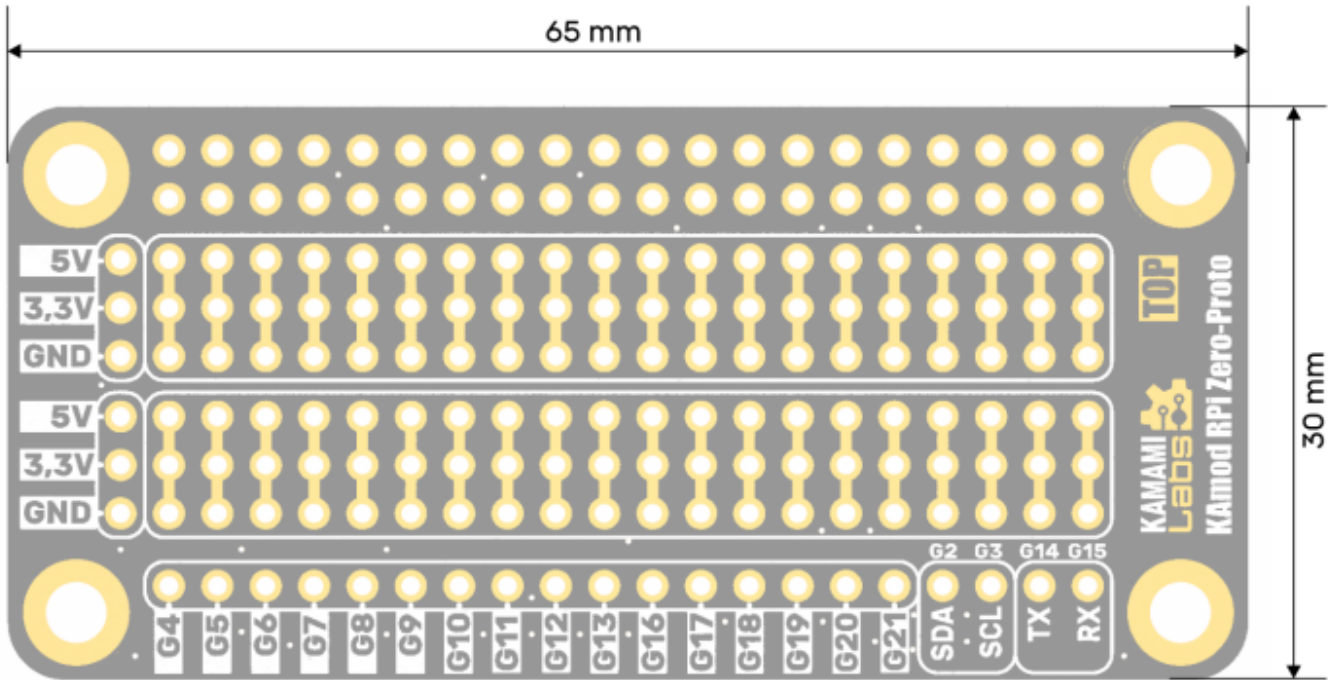
## I/O Ports, Interfaces, and Power Supply Breakouts

On the KAmoD RPi Zero Proto board, power supply voltages, 16 standard GPIO ports, and the most important interfaces available on the Raspberry Pi GPIO header have been broken out to additional pads. Their layout is organized and clearly labeled.



## Dimensions

The dimensions of the KAmoD RPi Zero Proto board are: 65 x 30 mm.





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