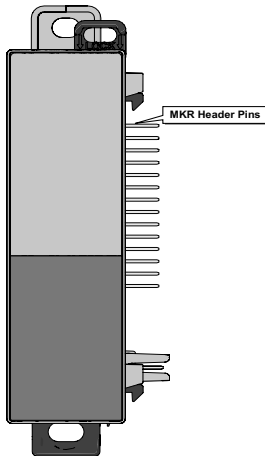


P1AM-PROTO Arduino® MKR Compatible, Customizable Shield

The P1AM-Proto is an Arduino-compatible kit of parts that includes everything you need to make your own customizable shield in the MKR form factor.



General Specifications

Operating Temperature	0° to 60°C (32° to 140°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)
Humidity	5 to 95% (non-condensing)
Environmental Air	No corrosive gases permitted
Enclosure Type	Open Equipment
Module Location	P1AM Shields and MKR Shields connect on the left side of the module.



Link to full additional resources

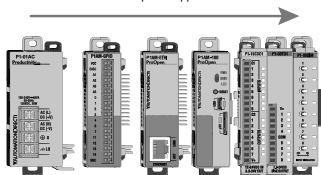
This kit includes:

- Custom MKR stacking-headers
- PC Board with 100 mil (0.1") grid of through-holes
- Plastic Productivity housing
- Footprint for 18 Pin terminal block receptacle (Right Angle, Through Hole, 3.81 mm Centers) and plug for user I/O connections
- ProductivityOpen Overlay which can be easily cut to expose parts (LEDs, connectors, etc.) custom to the user.

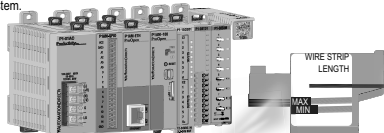
Module Installation

WARNING: Do not add or remove modules with field power applied.

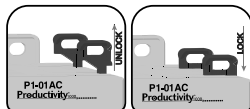
Step One: With latch in "locked" position, align connectors on the side of each module and stack by pressing together. Click indicates lock is engaged.



Step Two: Attach field wiring using the removable terminal block or ZIPLink wiring system.



Step Three: To unstack modules, pull locking latch up into the unlocked position and then pull modules apart.



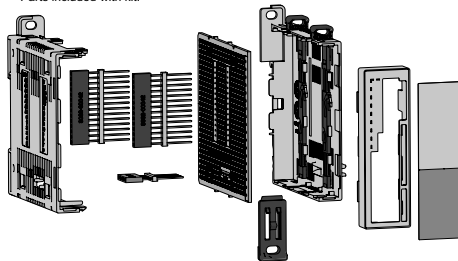
WARNING: To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.

This device is not intended for personnel, product, or machine safety applications.

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Parts included with kit:



Document Name	Edition/Revision	Date
P1AM-PROTO-DS	1st Edition	10/30/2019

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