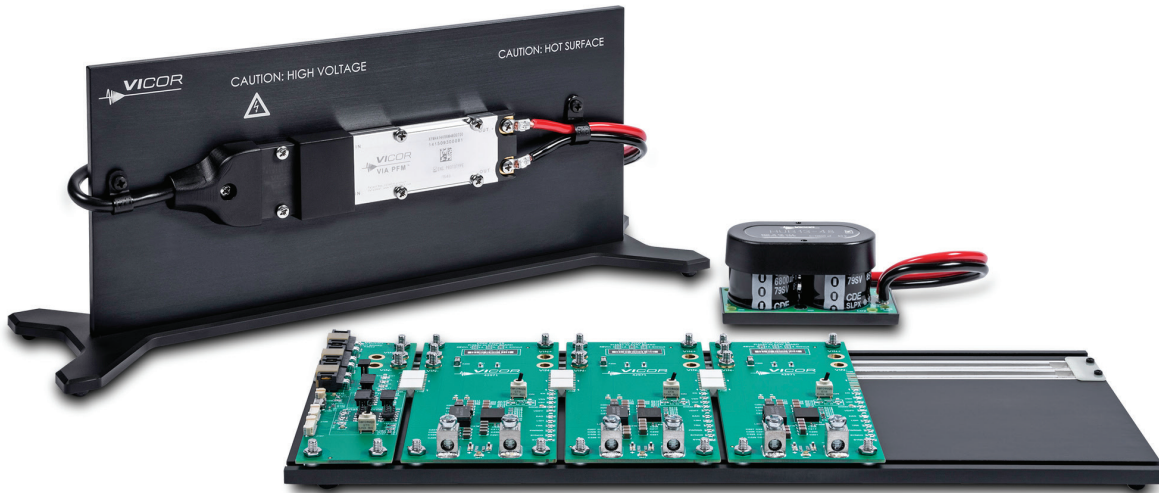


# AC to Point-of-Load Development Kit

Complete power system from AC input to isolated distribution bus and PoL regulators



## Features and Benefits

- From bulk power distribution to Point-of-Load in two simple steps
- Universal AC input (to 48V or 24V Bus)
- Multiplicity of Point-of-Load options ( 3.3V, 5V, and 12V)
- Small size, low profile, easy-to-use, highly flexible

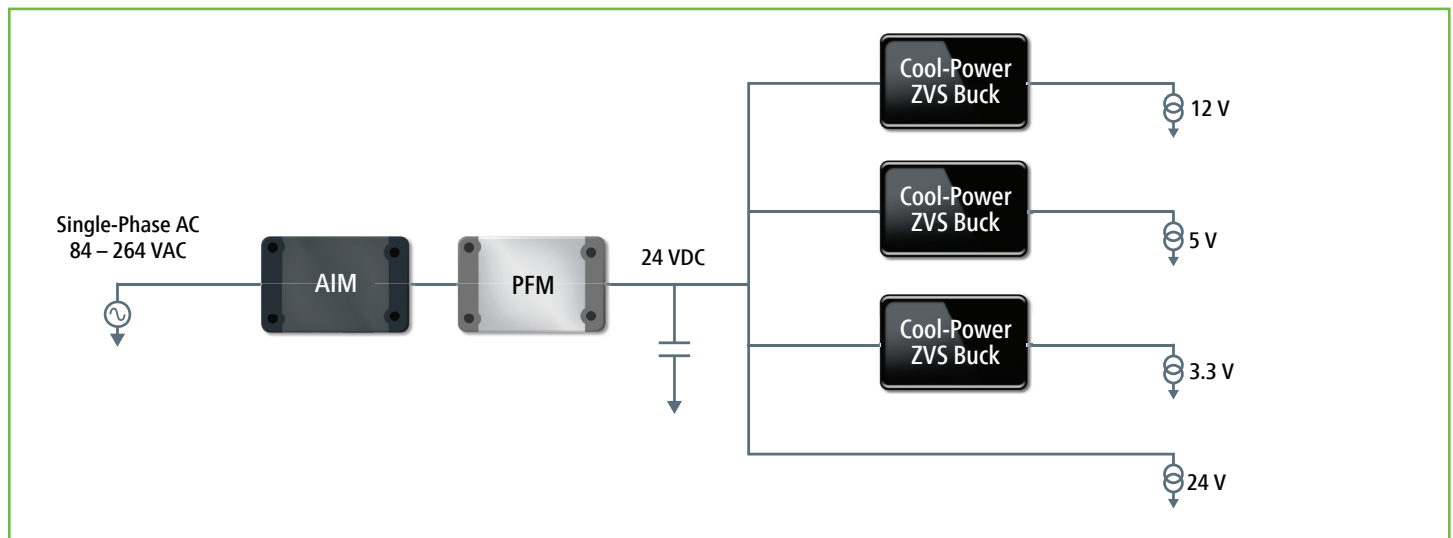
Part Number	Input	Bus	Output
DKIT-AC-24-POL-00	Universal AC	24V	3.3V, 5V, 12V
DKIT-AC-48-POL-00	Universal AC	48V	3.3V, 5V, 12V

## Description

The AC to Point-of-Load Development Kit contains a front-end (FE) chassis, a hold-up bank (HUB), and a point-of-load (PoL) chassis. The front-end chassis has chassis mount versions of the AIM and PFM in a VIA package that provide full-wave rectification, EMI Filtering and power factor correction that may be connected to worldwide AC mains. A HUB is included to provide proper hold up for the PFM.

The PoL chassis has an input board and three Cool-Power® ZVS Buck Regulator evaluation boards. The input board interfaces with the front-end chassis and HUB to provide a 24V or 48V voltage rail on the PoL chassis. The included Picor regulators provide 3.3V, 5V, and 12V outputs.

## Typical Application



Please visit [www.vicorpower.com](http://www.vicorpower.com) for data sheets and more information on the individual products used in the Development Kit.