



# End-to-end USB-C PD solutions for embedded applications

A complete and easy-to-use design portfolio to build robust, efficient, and cost-effective system solutions

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## Abstract

[EZ-PD™ PMG1](#), a family of High Voltage Microcontrollers (MCUs) with USB-C Power Delivery (PD), supports embedded firmware engineers and system designers to adopt USB-C into applications such as smart speakers, IoT hubs, home appliances, internet gateways, power and garden tools.

This article is intended for embedded firmware engineers and system designers interested in including USB-C in their embedded applications. Infineon provides end-to-end solutions for integrating USB-C into embedded applications using Infineon's EZ-PD™ PAG1 (Power Adapter Gen 1) USB-C AC/DC Adapters and EZ-PD™ PMG1 (Power Delivery Microcontroller Gen1) MCUs.

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## Key learnings for the reader

- Use EZ-PD™ PMG1 to get USB-C ports included into your application
- Learn how Infineon's EZ-PD™ PAG1 and PMG1 families provide end-to-end solutions for DC power source and sink

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