

UCS2112 Dual USB Port Power Evaluation Board ★

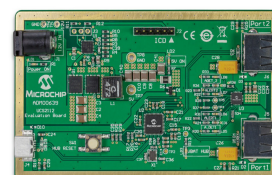
Part Number: ADM00639

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The UCS2112 Dual USB Port Power Evaluation Board demonstrates the features of two USB ports, capable of data transfer and charging up to 6A. Charging limits, accumulated current, alerts and attachment status can all be configured, exercised and/or observed on a graphical user interface.



Features

Package Contents

- The Graphical User Interface running on the PC allows advanced configuration and monitoring of the UCS2112 registers (current measurement and accumulated charge indication, current limit configuration, status indication)
- LED indicators for supply voltage detection, fault indication and attach detection on each port.
- When an upstream host is connected, the USB84604 hub allows battery charging with data communication according to the Battery Charging BC1.2 Standard Downstream Port (SDP, up to 0.5A) or Charging Downstream Port (CDP, up to 1.5A) specifications. When the upstream host is not connected, the USB84604 hub allows battery charging only (the downstream ports are configured as Dedicated Charging Ports).
- High efficiency 12V to 5V DC-DC converter built around MCP19118.

Documentation & Software

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