

K-SynC 2UE *Product/Green Sheet*

Ad-Hoc SimulCharge Adapter for Mobile Devices

The K-SynC 2UE provides an ad hoc SimulCharge Mode for USB-C mobile devices that are incompatible with LAVA's standard COTS adapters. SimulCharge provides simultaneous charging and access to data but requires that the USB-C PD specification be implemented on the tablet to work with USB-C tablets. In contrast, the 2UE charges and provides access to data in intervals, making the adapter compatible with any USB-C mobile device capable of OTG.

The adapter comes with Ethernet and two USB-A ports for peripherals. Its PCB needs to be wired to an external control box or button, which can send a signal to the adapter. When the signal is turned on, the mobile device goes into OTG mode, giving access to the network and peripherals. When the signal stops, the mobile device will switch into a charge-only mode (default) to recharge the battery.

The adapter's 10/100-capable Ethernet port provides a reliable wired network connection, while its two USB-A ports allow for peripherals, such as a printer and scanner, to be added. The adapter is ideal for commercial kiosk implementations where the mobile device can be used during the day and left to charge overnight.

