K-SynC E *Product/Green Sheet*

Ad-Hoc SimulCharge Adapter for Mobile Devices

The K-Sync E 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 K-SynC E charges and provides access to data in intervals, making the adapter compatible with any USB-C mobile device capable of OTG.

The K-SynC E's 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, where it can access the network via a wired Ethernet connection. When the signal stops, the mobile device will switch into a charge-only mode (default) to recharge the battery. This makes the adapter ideal for retail and other commercial implementations where the mobile device would need to charge and receive updates off hours.

The adapter's 10/100-capable Ethernet port provides a fast and reliable network connection and can be used in environments where Wi-Fi doesn't work well.