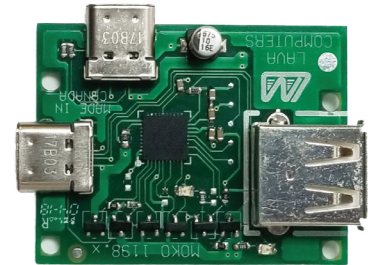# SynC 1U-OEM

1-PORT SYNC™ USB ADAPTER
WITH DOCKING DETECT FOR USB-C MOBILE PHONES AND TABLETS

PRODUCT DETAILS

The LAVASynC 1U-OEM is the second generation of our SimulCharge adapters and is designed specifically for USB-C type mobile phones and tablets.

This adapter provides a complete connectivity solution by using our custom SynC™ technology to simultaneously charge and support USB peripherals while they are connected to a mobile phone or tablet. The Docking Detect add-on enables automatic connection between the LAVA board and the device.

For the most up-to-date list of tested mobile phones and tablets, please visit our website at www.lavalink.com.

APPLICATION

The LAVASynC board is ideal for applications where a mobile device needs power and the ability to support USB accessories in a situation when power sequences cannot always be followed. If you intend to plug your mobile solution in and out of power often, this board will meet your installation requirements.

SYNC TECHNOLOGY

The LAVASynC 1U-OEM operates a mobile device in a SynC mode. This technology allows the charging of the select USB-C type mobile phones and tablets while interacting with USB accessories.

DOCKING DETECT

The Docking Detect feature ensures that when the adapter is plugged into the mobile phone or tablet, the mobile device recognizes that the adapter is present. This feature is a re-imagined form of Plug-n-Play; when the mobile solution, the mobile phone and tablet along with the adapter, is plugged into or out of power, the mobile device will know.

USB PERIPHERALS INTEGRATION

LAVA adapters allow a mobile device to be integrated into a kiosk installation with multiple USB devices such as magnetic card readers, NFC readers, printers, barcode scanners, keyboard, and other USB-enabled peripherals.

PRODUCT FEATURES

- Simultaneous USB host and charging for select mobile devices
- Docking detect for a mobile phone or a tablet connection
- Designed for commercial/OEM use with USB-C type mobile phones or tablets (see compatibility list of tested devices)
- Works with out-of-the-box (unrooted) mobile phones or tablets
- Powered by a standard USB Charger/Power Supply through a Micro USB-C receptacle
- Can be powered by a USB Battery Pack (aka Power Bank)
- Prevents power drain from the tablet to USB peripherals in the event of power loss
- 1 x USB 2.0 port
- LAVA Limited Warranty

SYSTEM REQUIREMENTS

Mobile Device:	Please refer to the tested mobile devices list that can be found at www.lavalink.com
Power Supply:	USB Charger/Power Supply with a USB-C connector, such as the power supply provided with the mobile device. Any regulated 5 volt power supply capable of at least 2 amperes can be used.
Ports/Connectors:	1 x USB A port (for USB 2.0 accessories) 1 x USB C port (for mobile device connection) 1 x USB C port (the power input) 1 x Charge Status LED
Cables:	1 x USB-C to USB-C cable (up to 6.6 ft / 2m) to the mobile phone or tablet Note: The cable is not included.
Measurements:	Height: 0.44 inches (15 mm) Depth: 1.69 inches (42 mm) Width: 1.26 inches (32 mm) Weight: n/a

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SAMSUNG ENTERPRISE ALLIANCE PROGRAM   Samsung KNOX