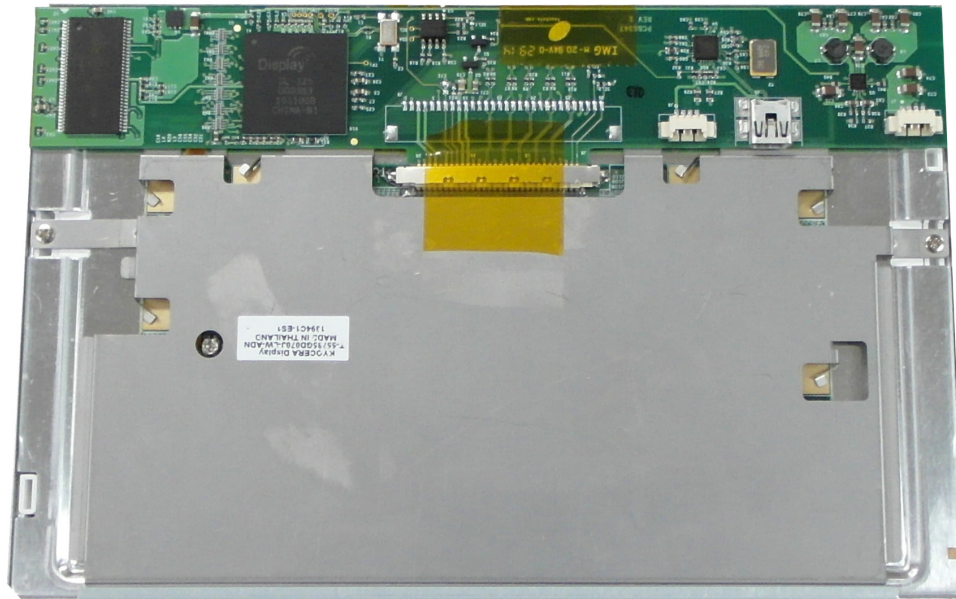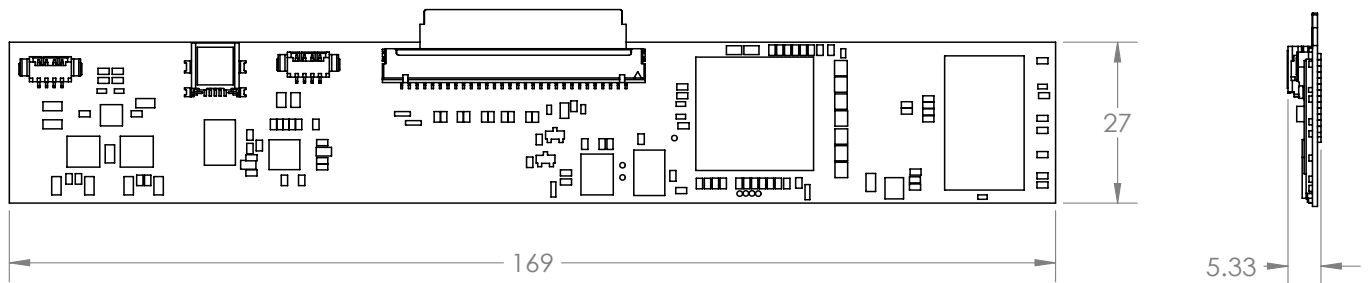# ASY5689 USB Display Controller

Description

The ASY5689 is the latest in Touchstone Technology's USB display controller line. The ASY5689 adapter, which uses the DisplayLink DL-125 IC (www.displaylink.com), allows additional displays to be added to a host PC system only using a single USB cable. This versatile controller is capable of supporting display resolution up to 1920x1200 (60hz). By utilizing USB 2.0 and DisplayLink's unique compression algorithms, this USB controller allows for excellent video performance.

The ASY5689 also includes a two port USB hub, so peripherals like touch-screens or bar code readers can be easily integrated and can use the same USB cable. This Touchstone product was designed to interface directly to the Kyocera TCG070WVLQ; the direct connection eliminates the need for a cable, and allows for the lowest possible cost. The ASY5689 also features an optional Hirose DF-20 connection, to support more traditional panels.

ASY5689 USB Display Controller

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Features

- DisplayLink DL-125 controller
- Windows and Mac OsX built-in driver support, Linux Open Source driver also available
- Direct support of Kyocera 7.0" display
- Built-in USB hub to support touchscreen controller or other USB peripherals (allows for single cable)
- Powered by either the USB cable or from external 12V supply

Custom engineering services are also available to meet customer needs.