



## Test Procedure for the FUSB307BGEVB Evaluation Board

### Required Equipment:

- FUSB307B EVB
- USB Type-A to USB micro-B cable
- USB Type-C™ to VGA dongle
- FUSB307 EVB GUI

1. Start the FUSB307 GUI on the PC being used.
2. Connect the FUSB307B EVB to the PC using the USB Type-A to USB micro-B cable.



Figure 1 - EVB connected to PC



3. Make sure the EVB is connected and communicating with the GUI as indicated in the status bar on the bottom of the GUI.



Figure 2 - EVB not attached to PC



Figure 3 - EVB attached to PC and recognized by GUI

If the GUI is not recognizing the EVB, as in Figure 2, then re-program the EVB to ensure the most current firmware is present on the EVB.

4. Connect the Type-C to VGA dongle to the EVB and verify that the dongle attaches.
  - a. Verify that the connection state is Attached.SRC.
  - b. Verify that one of the CC terminations is Rd USB Default and the other is Ra.
  - c. Disconnect, flip, and re-connect the dongle.
  - d. Verify that the Rd USB Default and Ra have swapped on the CC terminations.

Connection State	AttachedSource
CC1 Termination	RdUSB
CC2 Termination	Ra

Figure 4 – CC terminations after initial attach

Connection State	AttachedSource
CC1 Termination	Ra
CC2 Termination	RdUSB

Figure 5 - CC terminations after flip