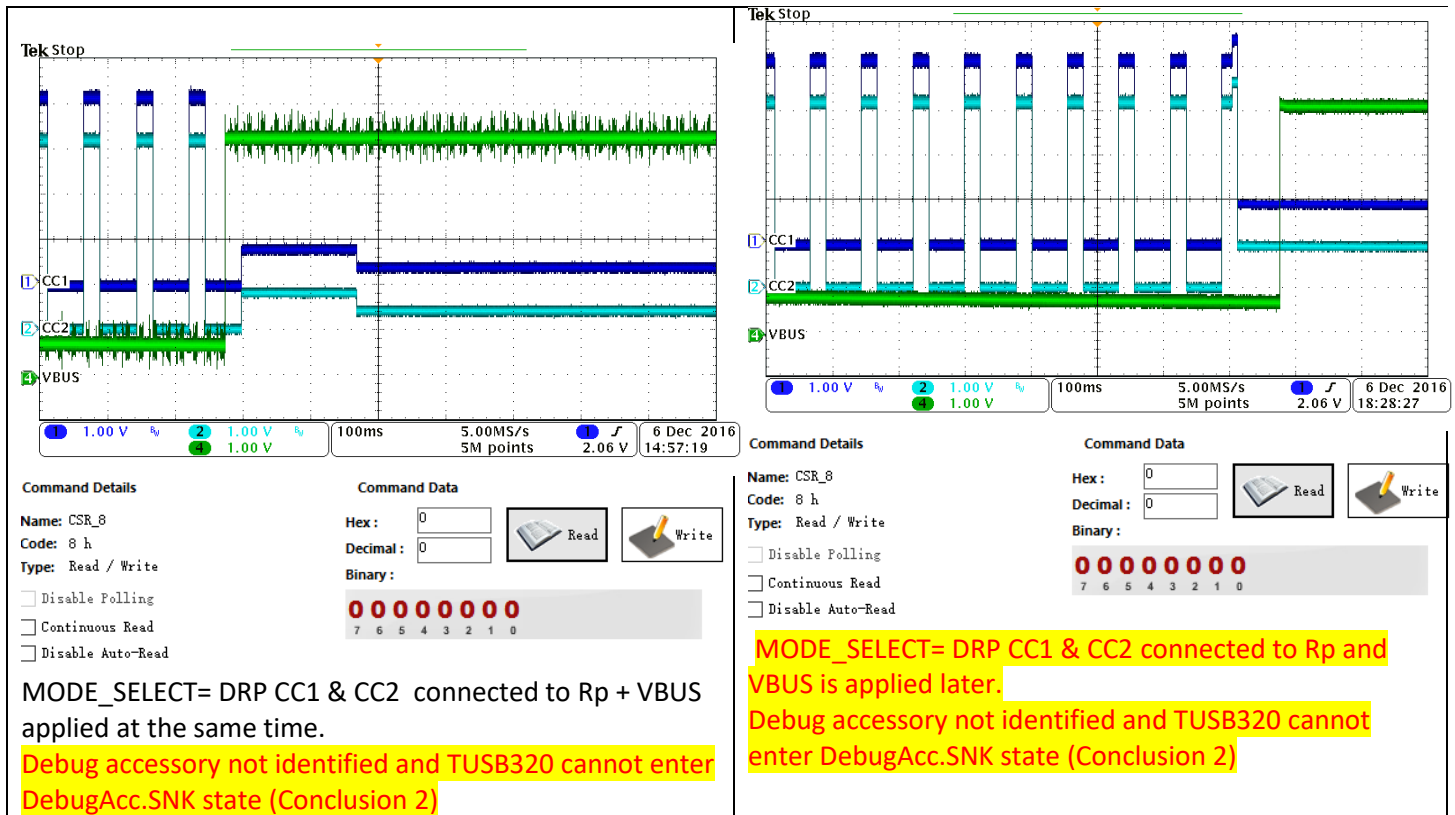
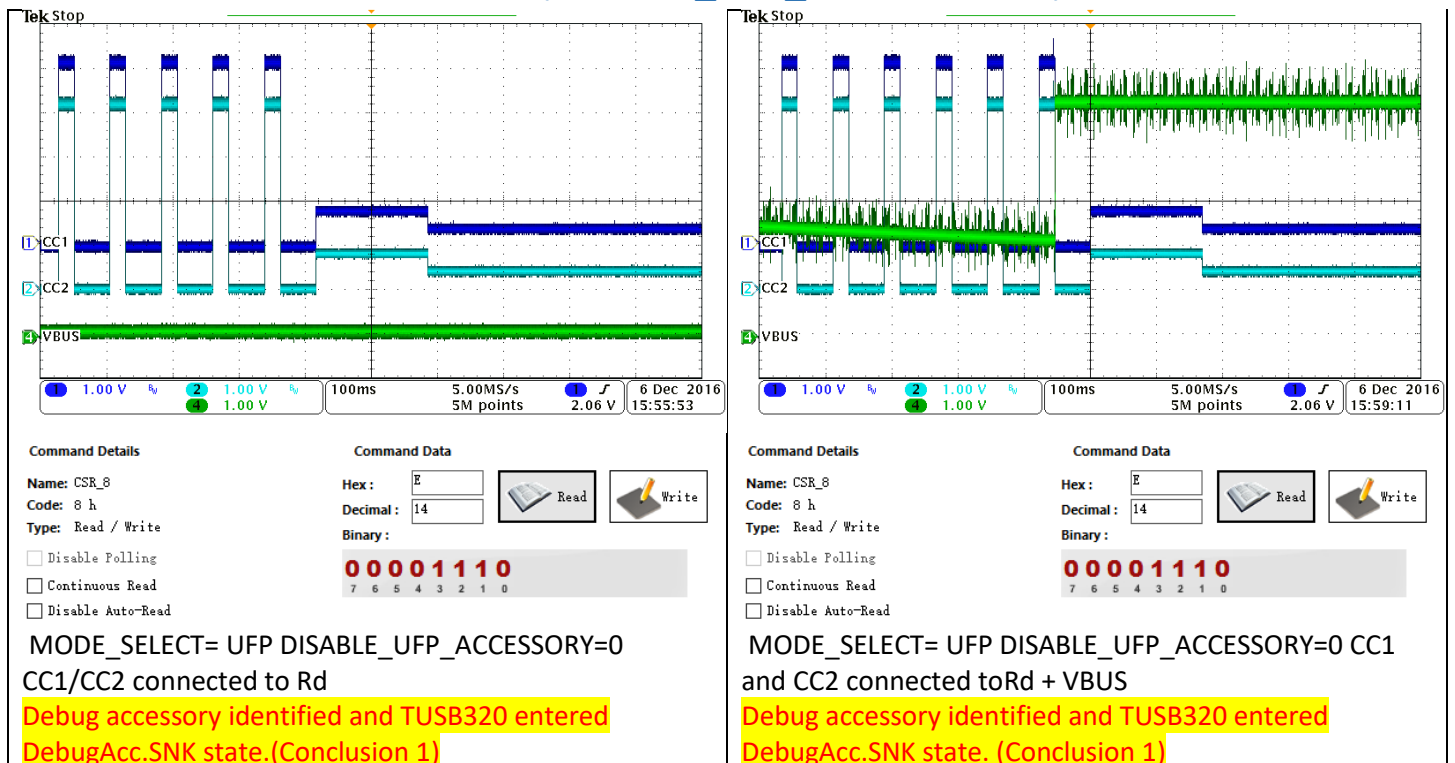


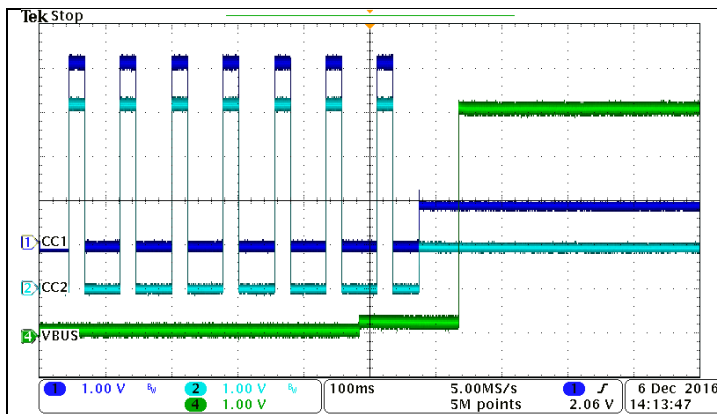
TUSB320LAI Accessories Support Test

DRP Connected to Accessories



UFP Connected to Accessories (DISABLE_UFP_ACCESSORY=0)





Command Details

Name: CSR_8
Code: 8 h
Type: Read / Write
☐ Disable Polling
☐ Continuous Read
☐ Disable Auto-Read

Command Data

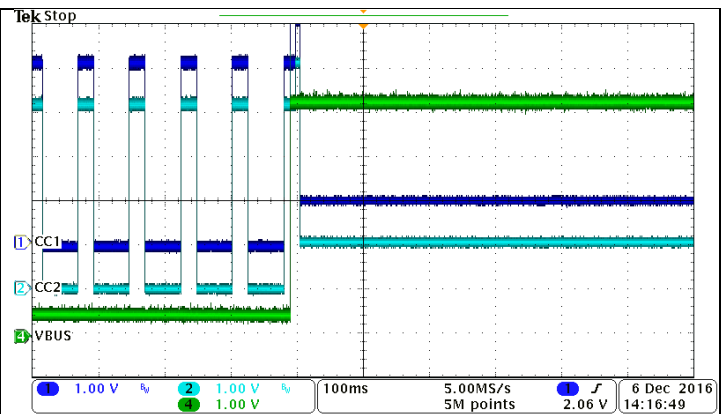
Hex: 0
Decimal: 0
Binary:

00000000
7 6 5 4 3 2 1 0



MODE_SELECT= UFP DISABLE_UFP_ACCESSORY=0 CC1 and CC2 connected to Rp + VBUS applied later.

No debug accessory is detected, TUSB320 cannot enter DebugAcc.SNK state. (Conclusion 2)



Command Details

Name: CSR_8
Code: 8 h
Type: Read / Write
☐ Disable Polling
☐ Continuous Read
☐ Disable Auto-Read

Command Data

Hex: 0
Decimal: 0
Binary:

00000000
7 6 5 4 3 2 1 0



MODE_SELECT= UFP DISABLE_UFP_ACCESSORY=0 CC1& CC2 connected to Rp + VBUS applied. VBUS and Rp applied at the same time.

No debug accessory is detected, TUSB320 cannot enter DebugAcc.SNK state. (Conclusion 2)

Conclusions:

1. The most strange thing, if the CC1 and CC2 detected Rd at DRP mode, DebugAcc.SRC is detected (Reg 0x08[3:1]=110). While if the CC1 and CC2 detected Rd at UFP mode with accessory support, DebugAcc.SNK is detected (Reg 0x08[3:1]=111).
2. At all the case, if the CC1 and CC2 detected Rp, the device cannot enter DebugAcc.SNK state.