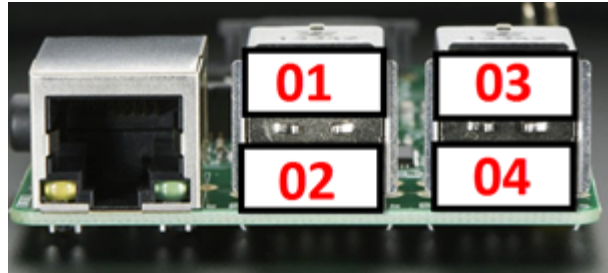


Test Scenario for all commands will be identical

Test scenarios will use the following number to describe ports. Individual commands run will be listed in separate pictures, per section. Each command labels the ports differently. Please refer to the picture for each section to understand the output text.



Test 1: Plug first device into port 1

Test 2: Plug second device into port 2 (leave all other devices plugged in)

Test 3: Plug third device into port 4 (leave all other devices plugged in)

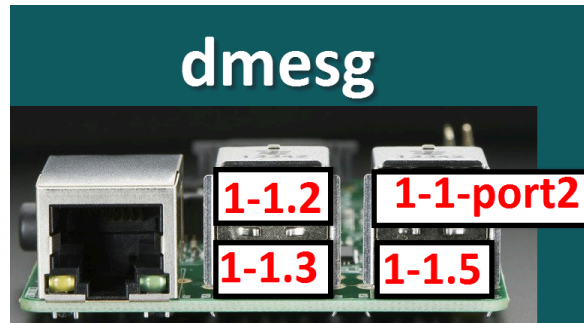
Test 4: Plug fourth device into port 3 (leave all other devices plugged in)

Test 5: Unplug all devices. Plug device into port 1

Test 6: Unplug all devices. Plug device into port 2

Test 7: Unplug all devices. Plug device into port 4

Test 8: Unplug all devices. Plug device into port 3



Test 1

```
pi@retropie:~ $ dmesg
[ 1042.015295] usb 1-1.2: new full-speed USB device number 13 using dwc_otg
[ 1042.179726] usb 1-1.2: New USB device found, idVendor=0a12, idProduct=0001
[ 1042.179753] usb 1-1.2: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1042.179766] usb 1-1.2: Product: CSR8510 A10
```

Test 2

```
pi@retropie:~ $ dmesg
[ 1042.015295] usb 1-1.2: new full-speed USB device number 13 using dwc_otg
[ 1042.179726] usb 1-1.2: New USB device found, idVendor=0a12, idProduct=0001
[ 1042.179753] usb 1-1.2: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1042.179766] usb 1-1.2: Product: CSR8510 A10
[ 1048.676685] usb 1-1.3: new full-speed USB device number 14 using dwc_otg
[ 1048.821101] usb 1-1.3: New USB device found, idVendor=0a12, idProduct=0001
[ 1048.821129] usb 1-1.3: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1048.821179] usb 1-1.3: Product: CSR8510 A10
```

Test 3

```
pi@retropie:~ $ dmesg
[ 1042.015295] usb 1-1.2: new full-speed USB device number 13 using dwc_otg
[ 1042.179726] usb 1-1.2: New USB device found, idVendor=0a12, idProduct=0001
[ 1042.179753] usb 1-1.2: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1042.179766] usb 1-1.2: Product: CSR8510 A10
[ 1048.676685] usb 1-1.3: new full-speed USB device number 14 using dwc_otg
[ 1048.821101] usb 1-1.3: New USB device found, idVendor=0a12, idProduct=0001
[ 1048.821129] usb 1-1.3: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1048.821179] usb 1-1.3: Product: CSR8510 A10
[ 1053.657714] usb 1-1.5: new full-speed USB device number 15 using dwc_otg
[ 1053.862029] usb 1-1.5: New USB device found, idVendor=0a12, idProduct=0001
[ 1053.862054] usb 1-1.5: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1053.862067] usb 1-1.5: Product: CSR8510 A10
```

Test 4

```
pi@retropie:~ $ dmesg
[ 1042.015295] usb 1-1.2: new full-speed USB device number 13 using dwc_otg
[ 1042.179726] usb 1-1.2: New USB device found, idVendor=0a12, idProduct=0001
[ 1042.179753] usb 1-1.2: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1042.179766] usb 1-1.2: Product: CSR8510 A10
[ 1048.676685] usb 1-1.3: new full-speed USB device number 14 using dwc_otg
[ 1048.821101] usb 1-1.3: New USB device found, idVendor=0a12, idProduct=0001
[ 1048.821129] usb 1-1.3: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1048.821179] usb 1-1.3: Product: CSR8510 A10
[ 1053.657714] usb 1-1.5: new full-speed USB device number 15 using dwc_otg
[ 1053.862029] usb 1-1.5: New USB device found, idVendor=0a12, idProduct=0001
[ 1053.862054] usb 1-1.5: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1053.862067] usb 1-1.5: Product: CSR8510 A10
[ 1058.680027] usb 1-1-port2: over-current change
[ 1058.899468] usb 1-1.3: USB disconnect, device number 14
[ 1059.059608] usb 1-1.5: USB disconnect, device number 15
[ 1059.219351] usb 1-1-port2: over-current change
[ 1059.447930] usb 1-1-port2: over-current change
[ 1059.703977] usb 1-1-port2: over-current change
[ 1059.960002] usb 1-1-port2: over-current change
[ 1060.216039] usb 1-1-port2: over-current change
[ 1060.472123] usb 1-1-port2: over-current change
```

Test 5

```
pi@retropie:~ $ sudo dmesg -C
pi@retropie:~ $ dmesg
[ 1101.678387] usb 1-1.2: new full-speed USB device number 18 using dwc_otg
[ 1101.882294] usb 1-1.2: New USB device found, idVendor=0a12, idProduct=0001
[ 1101.882318] usb 1-1.2: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1101.882331] usb 1-1.2: Product: CSR8510 A10
```

Test 6

```
pi@retropie:~ $ sudo dmesg -C
pi@retropie:~ $ dmesg
[ 1110.889691] usb 1-1.3: new full-speed USB device number 19 using dwc_otg
[ 1111.003870] usb 1-1.3: New USB device found, idVendor=0a12, idProduct=0001
[ 1111.003897] usb 1-1.3: New USB device strings: Mfr=0, Product=2, SerialNumber=0
[ 1111.003910] usb 1-1.3: Product: CSR8510 A10
```

Test 7

```
pi@retropie:~ $ sudo dmesg -C
```

```
pi@retropie:~ $ dmesg
```

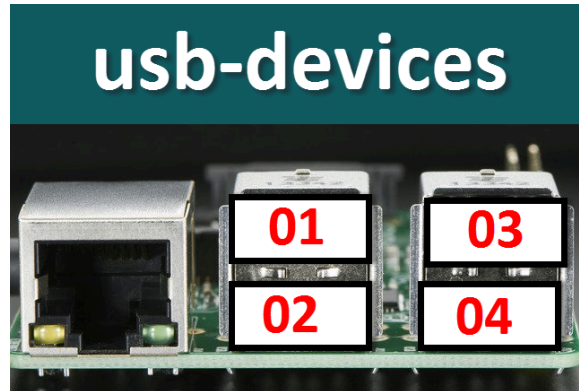
```
[ 1130.093725] usb 1-1.5: new full-speed USB device number 20 using dwc_otg  
[ 1130.208204] usb 1-1.5: New USB device found, idVendor=0a12, idProduct=0001  
[ 1130.208229] usb 1-1.5: New USB device strings: Mfr=0, Product=2, SerialNumber=0  
[ 1130.208242] usb 1-1.5: Product: CSR8510 A10
```

Test 8

```
pi@retropie:~ $ sudo dmesg -C
```

```
pi@retropie:~ $ dmesg
```

```
[ 1143.427110] usb 1-1-port2: over-current change  
[ 1143.683155] usb 1-1-port2: over-current change  
[ 1143.939181] usb 1-1-port2: over-current change  
[ 1144.195210] usb 1-1-port2: over-current change  
[ 1144.451248] usb 1-1-port2: over-current change  
[ 1144.707275] usb 1-1-port2: over-current change  
[ 1144.963309] usb 1-1-port2: over-current change  
[ 1145.219356] usb 1-1-port2: over-current change
```



Test 1

pi@retropie:~ \$ usb-devices

```
T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub ) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub ) Sub=00 Prot=00 Driver=hub
```

```
T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub ) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub ) Sub=00 Prot=02 Driver=hub
```

```
T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx
```

```
T: Bus=01 Lev=02 Prnt=02 Port=01 Cnt=02 Dev#= 22 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
```

Test 2

pi@retropie:~ \$ usb-devices

T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub) Sub=00 Prot=00 Driver=hub

T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub) Sub=00 Prot=02 Driver=hub

T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx

T: Bus=01 Lev=02 Prnt=02 Port=01 Cnt=02 Dev#= 22 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

T: Bus=01 Lev=02 Prnt=02 Port=02 Cnt=03 Dev#= 23 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

Test 3

pi@retropie:~ \$ usb-devices

T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub) Sub=00 Prot=00 Driver=hub

T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub) Sub=00 Prot=02 Driver=hub

T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx

T: Bus=01 Lev=02 Prnt=02 Port=01 Cnt=02 Dev#= 22 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

T: Bus=01 Lev=02 Prnt=02 Port=02 Cnt=03 Dev#= 23 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

T: Bus=01 Lev=02 Prnt=02 Port=04 Cnt=04 Dev#= 24 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1

P: Vendor=0a12 ProdID=0001 Rev=88.91

S: Product=CSR8510 A10

C: #lfs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA

I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

Test 4

pi@retropie:~ \$ usb-devices

T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub) Sub=00 Prot=00 Driver=hub

T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub) Sub=00 Prot=02 Driver=hub

T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx

T: Bus=01 Lev=02 Prnt=02 Port=01 Cnt=02 Dev#= 22 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

Test 5

pi@retropie:~ \$ usb-devices

T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub) Sub=00 Prot=00 Driver=hub

T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub) Sub=00 Prot=02 Driver=hub

T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx

T: Bus=01 Lev=02 Prnt=02 Port=01 Cnt=02 Dev#= 27 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

Test 6

pi@retropie:~ \$ usb-devices

T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub) Sub=00 Prot=00 Driver=hub

T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub) Sub=00 Prot=02 Driver=hub

T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx

T: Bus=01 Lev=02 Prnt=02 Port=02 Cnt=02 Dev#= 28 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

Test 7

pi@retropie:~ \$ usb-devices

T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub) Sub=00 Prot=00 Driver=hub

T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub) Sub=00 Prot=02 Driver=hub

T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx

T: Bus=01 Lev=02 Prnt=02 Port=04 Cnt=02 Dev#= 29 Spd=12 MxCh= 0
D: Ver= 2.00 Cls=e0(wlcon) Sub=01 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0a12 ProdID=0001 Rev=88.91
S: Product=CSR8510 A10
C: #Ifs= 2 Cfg#= 1 Atr=e0 MxPwr=100mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb
I: If#= 1 Alt= 0 #EPs= 2 Cls=e0(wlcon) Sub=01 Prot=01 Driver=btusb

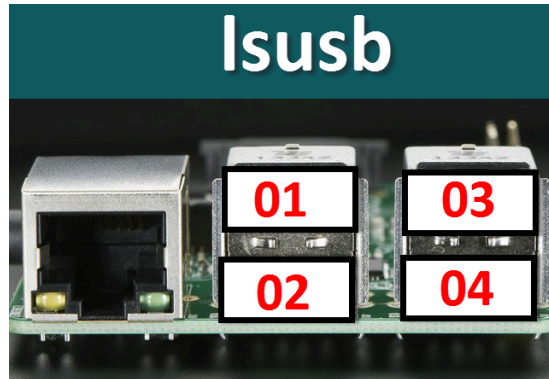
Test 8

pi@retropie:~ \$ usb-devices

T: Bus=01 Lev=00 Prnt=00 Port=00 Cnt=00 Dev#= 1 Spd=480 MxCh= 1
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=1d6b ProdID=0002 Rev=04.04
S: Manufacturer=Linux 4.4.32-v7+ dwc_otg_hcd
S: Product=DWC OTG Controller
S: SerialNumber=3f980000.usb
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=0mA
I: If#= 0 Alt= 0 #EPs= 1 Cls=09(hub) Sub=00 Prot=00 Driver=hub

T: Bus=01 Lev=01 Prnt=01 Port=00 Cnt=01 Dev#= 2 Spd=480 MxCh= 5
D: Ver= 2.00 Cls=09(hub) Sub=00 Prot=02 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=9514 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 1 #EPs= 1 Cls=09(hub) Sub=00 Prot=02 Driver=hub

T: Bus=01 Lev=02 Prnt=02 Port=00 Cnt=01 Dev#= 3 Spd=480 MxCh= 0
D: Ver= 2.00 Cls=ff(vend.) Sub=00 Prot=01 MxPS=64 #Cfgs= 1
P: Vendor=0424 ProdID=ec00 Rev=02.00
C: #Ifs= 1 Cfg#= 1 Atr=e0 MxPwr=2mA
I: If#= 0 Alt= 0 #EPs= 3 Cls=ff(vend.) Sub=00 Prot=ff Driver=smc95xx



Test 1

pi@retropie:~ \$ lsusb

Bus 001 Device 004: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Test 2

pi@retropie:~ \$ lsusb

Bus 001 Device 005: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 004: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Test 3

pi@retropie:~ \$ lsusb

Bus 001 Device 006: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 005: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 004: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Test 4

pi@retropie:~ \$ lsusb

Bus 001 Device 004: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Test 5

pi@retropie:~ \$ lsusb

Bus 001 Device 009: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Test 6

pi@retropie:~ \$ lsusb

Bus 001 Device 010: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Test 7

pi@retropie:~ \$ lsusb

Bus 001 Device 011: ID 0a12:0001 Cambridge Silicon Radio, Ltd Bluetooth Dongle (HCI mode)
Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

Test 8

pi@retropie:~ \$ lsusb

Bus 001 Device 003: ID 0424:ec00 Standard Microsystems Corp. SMSC9512/9514 Fast Ethernet Adapter
Bus 001 Device 002: ID 0424:9514 Standard Microsystems Corp.
Bus 001 Device 001: ID 1d6b:0002 Linux Foundation 2.0 root hub

