

Alberto Medrano (alberto@codeagroup.com)

**codeA, C.A.**

Sheet: /USB 2.0 High Speed 4-port HUB Controller/

File: \_corechips\_sl2d1a.kicad\_sch

**Title: USB 2.0 High Speed 4-port HUB Controller**

Size: USLetter Date: 2022-05-04

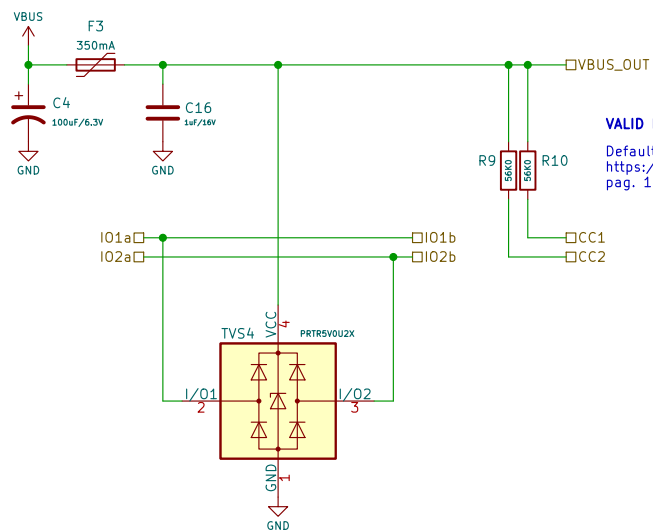
**Rev: 0.1**

KiCad E.D.A. eeschema (6.0.5)

Id: 3/6



Id: 4/6



#### VALID DFP RP PULL-UP RESISTOR VALUES

Default USB Power (500mA for USB2.0, 900mA for USB3.0)  
<https://ww1.microchip.com/downloads/en/appnotes/00001953a.pdf>  
 pag. 10

Alberto Medrano (alberto@codeagroup.com)

**codeA, C.A.**

Sheet: /Protective, VBUS 2.0 (P4)/

File: \_tvs\_cc-dfp\_pfuse.kicad\_sch

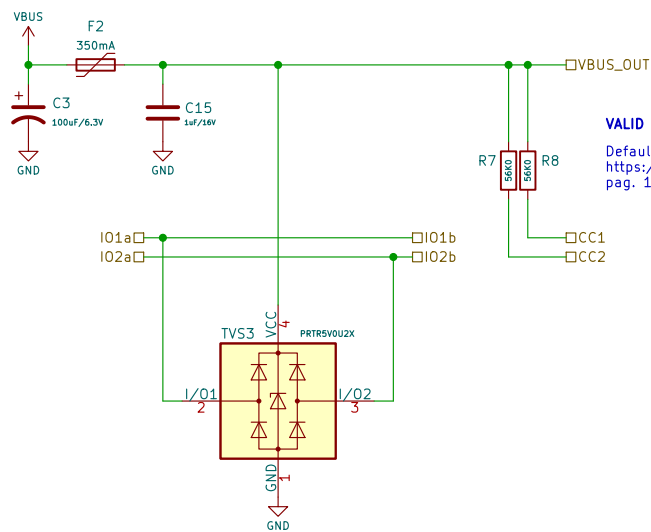
**Title: Double rail-to-rail ESD protection diode with RP CC Resistors**

Size: A4 Date: 2022-05-05

Rev: 0.1

KiCad E.D.A. eeschema (6.0.5)

Id: 6/6



#### VALID DFP RP PULL-UP RESISTOR VALUES

Default USB Power (500mA for USB2.0, 900mA for USB3.0)  
<https://ww1.microchip.com/downloads/en/appnotes/00001953a.pdf>  
 pag. 10

Alberto Medrano (alberto@codeagroup.com)

**codeA, C.A.**

Sheet: /Protective, VBUS 2.0 (P3)/

File: \_tvs\_cc-dfp\_pfuse.kicad\_sch

**Title: Double rail-to-rail ESD protection diode with RP CC Resistors**

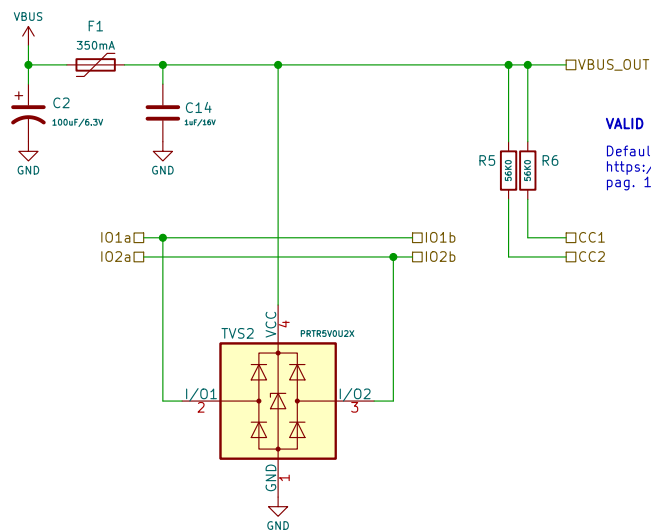
Size: A4

Date: 2022-05-05

Rev: 0.1

KiCad E.D.A. eeschema (6.0.5)

Id: 7/6



#### VALID DFP RP PULL-UP RESISTOR VALUES

Default USB Power (500mA for USB2.0, 900mA for USB3.0)  
<https://ww1.microchip.com/downloads/en/appnotes/00001953a.pdf>  
 pag. 10

Alberto Medrano (alberto@codeagroup.com)

**codeA, C.A.**

Sheet: /TVS, CC-DFP, PTC (P2)/

File: \_tvs\_cc-dfp\_pfuse.kicad\_sch

**Title: Double rail-to-rail ESD protection diode with RP CC Resistors**

Size: A4 Date: 2022-05-05

Rev: 0.1

KiCad E.D.A. eeschema (6.0.5)

Id: 8/6