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codeA, C.A.

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

File: _corechips_sl2d1a.kicad_sch

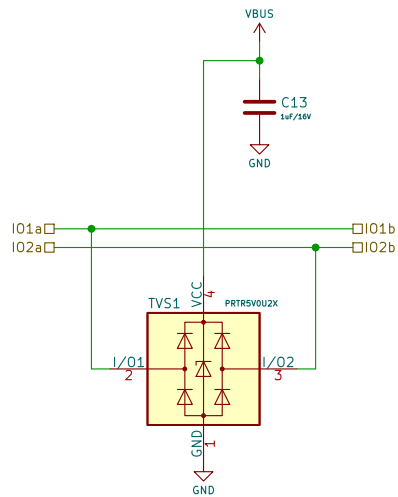
Title: USB 2.0 High Speed 4-port HUB Controller

Size: USLetter Date: 2022-05-04

Rev: 0.1

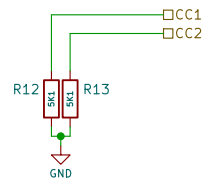
KiCad E.D.A. eeschema (6.0.5)

Id: 3/6



VALID UFP RD PULL-DOWN RESISTOR VALUES

<https://ww1.microchip.com/downloads/en/appnotes/00001953a.pdf>
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Sheet: /TVS, CC-UFP (P1)/

File: _tvs_cc-ufp.kicad_sch

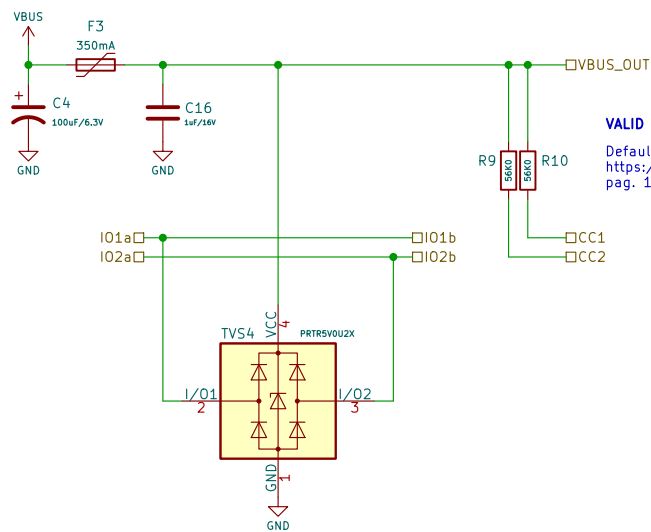
Title: Double rail-to-rail ESD protection diode with RD CC Resistors

Size: USLetter Date: 2022-05-03

Rev: 0.1

KiCad E.D.A. eeschema (6.0.5)

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

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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

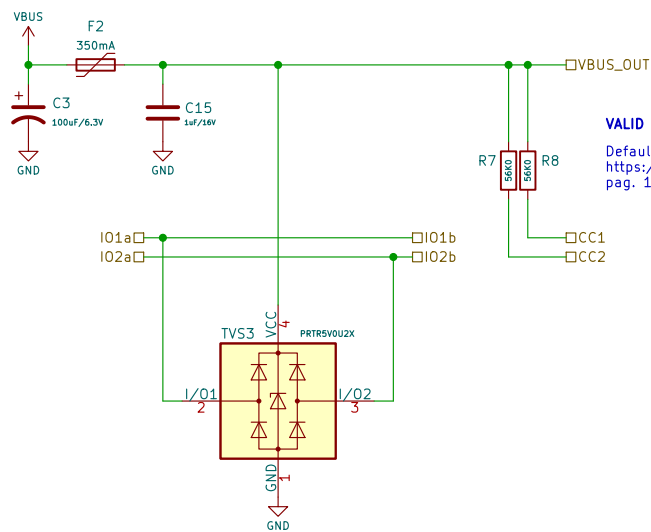
Size: A4

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

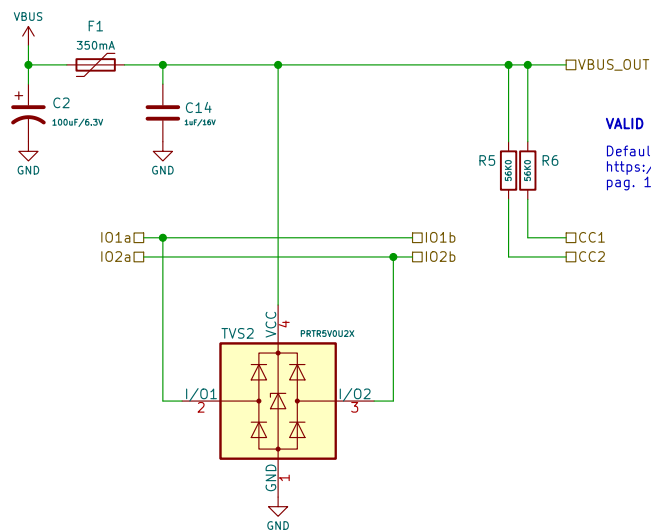
Size: A4

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

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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