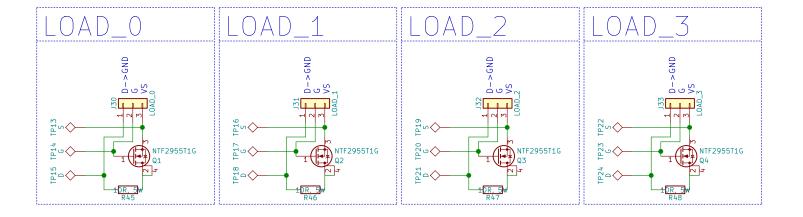


Dummy Load Circuit



Ohm's Law Cheat Sheet v = c \* R R = v \* i 5 0.5 10 5

Havin' a Blast!

Next Thing Co
Sheet: /Fixture Dev Kit Dummy Loads/
File: FixtureDevKit-Loads.sch

Title: Dummy Loads

Size: USLetter Date: 2017-10-25
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu17.04.1 Rev: v0.01 ld: 4/10

DUT - Right Header DUT - B2B Conn DUT - Left Header CHG-IN VCC-5V GND UART\_TX\_AO\_A LOLP 5 VCC-3V3 UART\_RX\_AO\_A LOLN GND TS 4 D-BAT 5 D-PWR 7 7 IPSOUT UPDATE LORP D-PWRON\_SW D-STATUS\_LED J55 9 9 10 I2C\_SDA\_AO PWRON VCC-3V3 LORN 11 13 11 10 I2C\_SCK\_AO GND GPIOH\_4 AGND 13 GPIODV\_16 GND PWM\_AO\_A GPIODV\_0 GND 15 GPIOH\_6 15 16 16 PWM\_AO\_B GPIODV\_17 GPIODV\_1 17 17 18 9 GPIOH\_7 PWM\_C GPIODV\_18 GPIODV\_2 GND RAT 19 19 GPIOH\_8 GPIODV\_6 GPIODV\_19 GPIODV\_3 D-PWRON\_SW 10 PWRON BAT 21 21 GPIOH\_9 GPIODV\_7 GPIODV\_20 GPIODV\_4 12 23 25 23 25 LOLN TS GPIOX\_8 GPIODV\_14 GPIODV\_21 GPIODV\_5 14 LOLP GPIODV\_0 26 GPIODV\_15 GPIOX\_9 GND GPIODV\_8 16 LORP GPIODV\_1 15 27 GPIODV\_24 GPIOX 10 GPIODV\_22 GPIODV\_9 18 LORN GPIODV\_2 29 30 GPIOX\_11 GPIODV\_23 GPIODV\_25 GPIODV\_10 20 GPIOZ\_0 GPIODV-3 19 10 31 GPIOX\_16 SARADC\_1V8\_OUT GPIODV\_26 GPIODV\_11 22 GPIOZ\_1 GPIODV\_4 33 33 34 24 GPIOZ\_2 AXP\_GPIO\_1 SARADC\_CH2 GPIODV\_27 GPIODV\_12 GPIODV\_5 23 35 35 34 18 18 GPIODV\_13 AXP\_GPIO\_2 SARADC\_CH3 GPIODV\_28 26 GPIOZ\_3 GPIODV\_8 25 19 37 GND 20 39 GND Conn\_01x20 38 19 37 38 19 GND GPIODV\_29 GPIODV\_14 28 GPIOZ\_4 GPIODV\_9 27 39 40 GND GND GND 30 GPIOZ\_5 GPIODV\_10 29 Conn\_01x20 Conn\_01x20 32 GPIOZ\_6 GPIODV\_11 31 CHIP4RH 34 GPIOZ\_7 GPIODV\_12 CHIP4LH 36 GPIOZ\_8 GPIODV\_13 38 GPIOZ\_9 GPIODV\_16 GND 40 GPIOZ\_10 GPIODV\_17 42 GPIOZ\_11 GPIODV\_18 41 D-PWRON BUTTON D-USBOTG-TPs D-USB-A-TPs 44 GPI0Z\_12 GPIODV\_19 46 GPIOZ\_13 GPIODV\_20 45 J49 1 P VBUS TP25 TP26 TP27 TP28 VBUS B\_D+ B\_D-USB-ID 48 GPIOZ\_14 GPIODV\_21 D-PWRON SW 50 GPIOZ\_15 49 GPIODV\_24 J37 J48 52 USBOTG\_B\_DP GPIODV\_25 54 USBOTG\_B\_DM USB\_OTG USB\_/ TP29 A\_D+ GPIODV\_26 56 USBOTG\_B\_ID GPIODV\_27 58 UPDATE GPIODV\_28 **VBUS** 60 HW\_ID GPIODV\_29 59 62 GND USB\_VBUS 61 64 GND USB\_VBUS 63 А 151 66 GND B\_D+ J44 65 USB\_VBUS F 68 GND USB\_VBUS D-BAT CONN USB ID 70 GND USB\_VBUS J39 Conn\_01x35 Conn\_01x35 D - BATGND CHIP4B2B STATUS LED DUT TPs GND D-STATUS\_LED D-TSJ46 ANT--SELECT Havin' a Blast! Next Thing Co Sheet: /Fixture Dev Kit - DUT/ File: Fixture-Dev-Kit\_DUT.sch Title: DUT Size: USLetter Date: 2017-10-25 Rev: v0.01 KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu17.04.1 ld: 5/10

