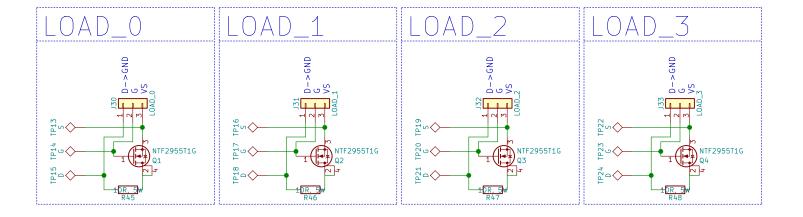


Dummy Load Circuit



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 39 GPIODV_17 42 GPIOZ_11 GPIODV_18 41 D-PWRON BUTTON D-USBOTG-TPs D-USB-A-TPs 44 GPIOZ_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

