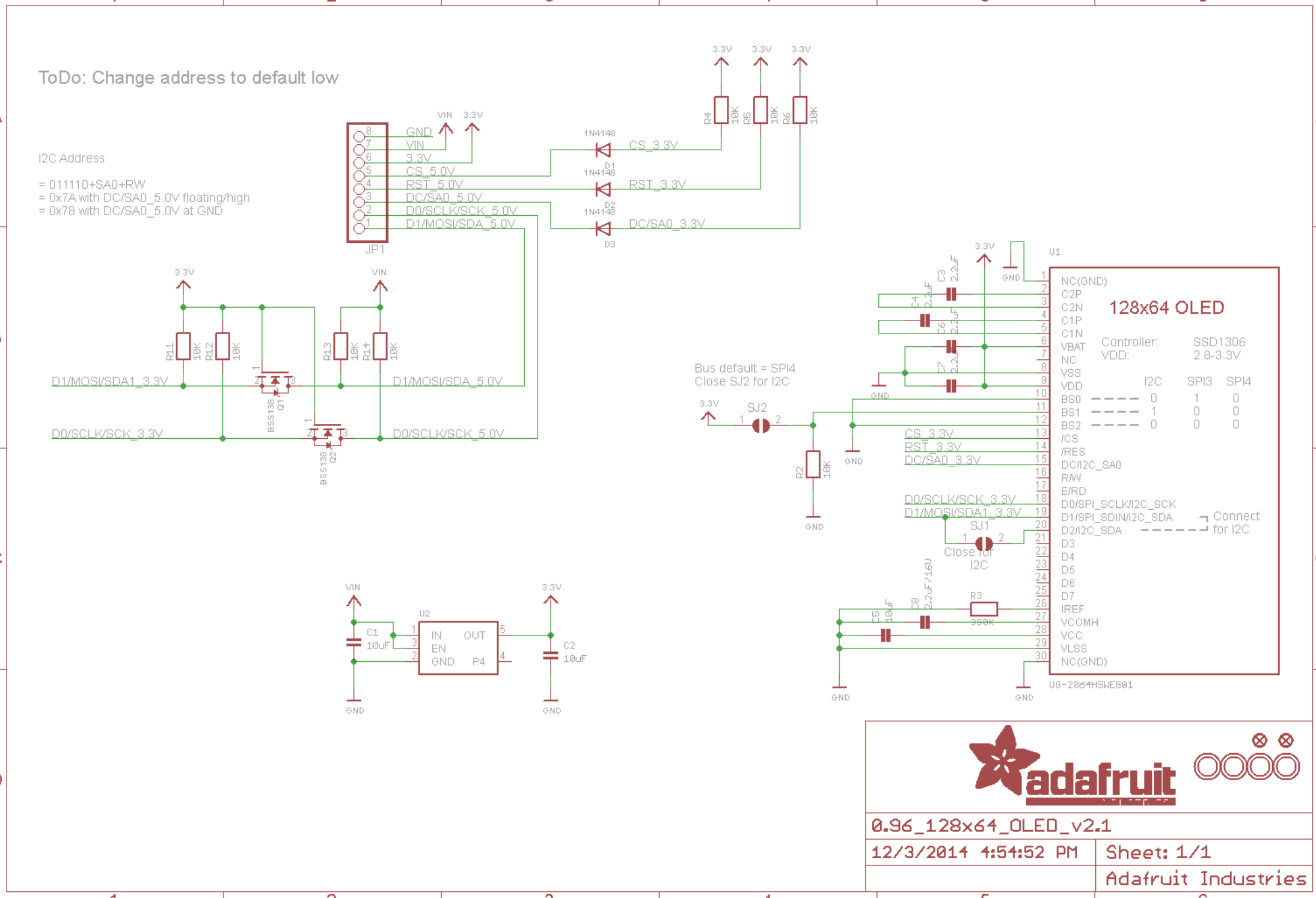
ToDo: Change address to default low
I2C Address
= 011110+SA0+RW
= 0x7A with DC/SA0_5.0V floating/high
= 0x78 with DC/SA0_5.0V at GND
JP1
GND
VIN
3.3V
CS_5.0V
RST_5.0V
DC/SA0_5.0V
D0/SCLK/SCK_5.0V
D1/MOSI/SDA_5.0V
1N4148
CS_3.3V
RST_3.3V
DC/SA0_3.3V
R4 10K
R5 10K
R6 10K
R11 10K
R12 10K
R13 10K
R14 10K
BSS138 Q1
BSS138 Q2
D1/MOSI/SDA1_3.3V
D0/SCLK/SCK_3.3V
Bus default = SPI4
Close SJ2 for I2C
SJ2
R2 10K
SJ1
Close for I2C
Connect for I2C
U1
128x64 OLED
Controller: SSD1306
VDD: 2.8-3.3V
I2C SPI3 SPI4
BS0 0 1 0
BS1 1 0 0
BS2 0 0 0
NC(GND)
C2P
C2N
C1P
C1N
VBAT
NC
VSS
VDD
/CS
/RES
DC/I2C_SA0
R/W
E/RD
D0/SPI_SCLK/I2C_SCK
D1/SPI_SDIN/I2C_SDA
D2/I2C_SDA
D3
D4
D5
D6
D7
IREF
VCOMH
VCC
VLSS
NC(GND)
UG-2864HSWEG01
C3 2.2uF
C4 2.2uF
C6 2.2uF
C7 2.2uF
C8 2.2uF/16V
C5 10uF
R3 390K
U2
IN
OUT
EN
GND
P4
C1 10uF
C2 10uF
adafruit
0.96_128x64_OLED_v2.1
12/3/2014 4:54:52 PM
Sheet: 1/1
Adafruit Industries