pow_in
JP9
GND

VCC = 16v
VDD = 3.3V

Antimodular Research Inc. 2015

U$2
U$5
3-5V   16V_1   VCC
SHUTDOWN   SHTDN   GND_1   SHUTDOWN
GND
VCC   16V   3-5V_1   5V
NKK_DC_CONVERTER
IS-CHPMP

U$6
3-5V   16V_1   VCC
SHUTDOWN   SHTDN   GND_1   SHUTDOWN
GND
VCC   16V   3-5V_1   5V
NKK_DC_CONVERTER
IS-CHPMP

U$0
0   VIN   5V
1   3.3V   UDD
SHUTDOWN   2   GND
SW6   3
SW7   4   VUSB
SW8   5   GND2
6
7   AREF
RESET   8   AGND
D/C   9   CS_SD
SDI   10   A13   POTI
SCK   11   A12   SDO
12   A11
13   A10
24   23/A9
25   22/A8   SW1
SW9   26   21/A7   SS1
SS10   27   20/A6   SS2
SS11   28   19/A5   SS3
SW11   29   18/A4   SW3
SW12   30   17/A3   SW4
SS12   31   16/A2   SS4
32   15/A1   SW5
33   14/A0   SS5
SDI_CARDREADER_ADAFRUIT

5V
SJ1
GND
UDD
U$8   POTI
GND

GND5V
JP1

5V GND
U$1
SDI_CARDREADER_ADAFRUIT

my SDI line connects to DOUT on teensy
my SDO line connects to DIN on teensy

SS4
SS3
SS2
SS1
UDD
D/C
GND

SW4
SW3
SW2
SW1
RESET
SCK
UCC

SDI

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$0
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$1
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$2
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$3
NKK_OLED_SWITCH
GND

SS8
SS7
SS6
SS5
UDD
D/C
GND

SW8
SW7
SW6
SW5
RESET
SCK
UCC

SDI

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$4
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$5
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$6
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$7
NKK_OLED_SWITCH

SS12
SS11
SS10
SS9
UDD
D/C
GND

SW12
SW11
SW10
SW9
RESET
SCK
UCC

SDI

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$8
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$9
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$10
NKK_OLED_SWITCH

3   VDD   VCC   9
4   SS   RESET   5
6   D/C   SCK   7
10   GND   SDI   8
A$11
NKK_OLED_SWITCH