SPI BUS

J1
1 2 3 4 5

CLK
MOSI
CS

VDD

PWR_FLAG
PWR_FLAG

SPI ADDRESS DECODER

U1
SLG46826G

C2
100n
VDD

CS — 1 IO14
CLK — 2 IO13
MOSI — 3 IO12
OLED_CS — 4 IO11
OLED_CLK — 5 IO10
OLED_MOSI — 6 IO9
— 7 VDD2
OLED_RST — 8 IO8
OLED_DC — 9 IO7
— 10 GND

VDD 20
IO0 19
PLUP2 18
IO2 17
IO3 16
IO4 15
PLUP1 14
SCL 13
SDA 12
IO6 11

C1
100n
VDD

VDD VDD VDD
JP4 JP2 JP1

J3
POGO_SOCKET
1 SDA
2 GND
3 SCL
4 VCC

VDD

I2C GreenPAK
PROGRAMMING

OLED DISPLAY PANEL

VDD VDD

C6
100n

100n
C7

C9
2u2

100n
C8

U2

SSD1306
1.3'' OLED PANEL

9 VDD
6 VBAT
28 VCC

C4 1u
2 C2N
3 C2P
4 C1P
C5 1u
5 C1N

10 BS0
11 BS1
12 BS2

NC 7

OLED_CS — 13 CS
OLED_RST — 14 RES
OLED_DC — 15 D/C
16 R/W
17 E/RD

OLED_CLK — 18 D0
OLED_MOSI — 19 D1
20 D2
21 D3
22 D4
23 D5
24 D6
25 D7

27 VCOMH
26 IREF

C3
2u2

R3
910K

1 GND
8 VSS
29 VLSS
30 GND

Mounting Holes

H1
MountingHole

H2
MountingHole

H4
MountingHole

H3
MountingHole