J1   F1   2A   +5V
5Vin
C3   100n   C4   100u   C5   100u   R7   470
GNDD   D3   LED

SYS_5V   +5V   +3V3   +3V3   +5V   SYS_5V
GNDD   P9   GNDD
PWR_BUT
SYS_RESETN
OLED_SCL   OLED_SDA
BeagleBone_BlackL_Header
VDD_ADC
GNDA_ADC   not used
GNDD

GNDD   P8   GNDD
BeagleBone_BlackL_Header
String2   String1
String4   String3
String6   String5
String8   String7

+3V3   C10   100n
GND   VCC   SCL   SDA
Pullup on BBB
OLED_SCL   OLED_SDA
Brd1   SSD1306
GNDD

+3V3   C1   100n   GNDD
U1   RO   RE   DE   DI   VCC   A   B   GND
String1   SP3485EN
R1   10   R2   10
GNDD   PSM712   D1   R5   120   J2
GNDD

+3V3   C6   100n   GNDD
U3   RO   RE   DE   DI   VCC   A   B   GND
String2   SP3485EN
R8   10   R9   10
GNDD   PSM712   D4   R12   120   J4
GNDD

+3V3   C8   100n   GNDD
U5   RO   RE   DE   DI   VCC   A   B   GND
String3   SP3485EN
R14   10   R15   10
GNDD   PSM712   D6   R18   120   J6
GNDD

+3V3   C11   100n   GNDD
U7   RO   RE   DE   DI   VCC   A   B   GND
String4   SP3485EN
R20   10   R21   10
GNDD   PSM712   D8   R24   120   J8
GNDD

+3V3   C2   100n   GNDD
U2   RO   RE   DE   DI   VCC   A   B   GND
String5   SP3485EN
R3   10   R4   10
GNDD   PSM712   D2   R6   120   J3
GNDD

+3V3   C7   100n   GNDD
U4   RO   RE   DE   DI   VCC   A   B   GND
String6   SP3485EN
R10   10   R11   10
GNDD   PSM712   D5   R13   120   J5
GNDD

+3V3   C9   100n   GNDD
U6   RO   RE   DE   DI   VCC   A   B   GND
String7   SP3485EN
R16   10   R17   10
GNDD   PSM712   D7   R19   120   J7
GNDD

+3V3   C12   100n   GNDD
U8   RO   RE   DE   DI   VCC   A   B   GND
String8   SP3485EN
R22   10   R23   10
GNDD   PSM712   D9   R25   120   J9
GNDD