U1

Active Area 0.95''
96(RGB)x64 Pixels

SSD1331

C96_64_SSD1331

NC_1 VSS VDD VDDIO BS1 BS2 IREF CS# RES# D/C# R/WE# E/RD D0 D1 D2 D3 D4 D5 D6 D7 VCOMH VCC NC_2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

C1 10uF
C5 0.1uF
C6 10uF
C10 0.1uF

VCC
VCC

R2
1M

CS
RES
D/C

SCL
SDA

+14V

C9
4.7uF/20V

C7 10uF
C8 0.1uF

J1

7 CS
6 D/C
5 RES
4 SDA
3 SCL
2 VCC_IN
1 GND

CON7

U2

VOUT 2 VCC
VIN 3
VSS 1

662K

VCC

L1 10uh

D1
IN4148

+14V

C2 4.7uF/20V

U3
5 VIN SW 1
FB 3
4 SHDN GND 2

LM2733

C4 220pF

R1 38K

R3 13.3K

C3 4.7uF/20V