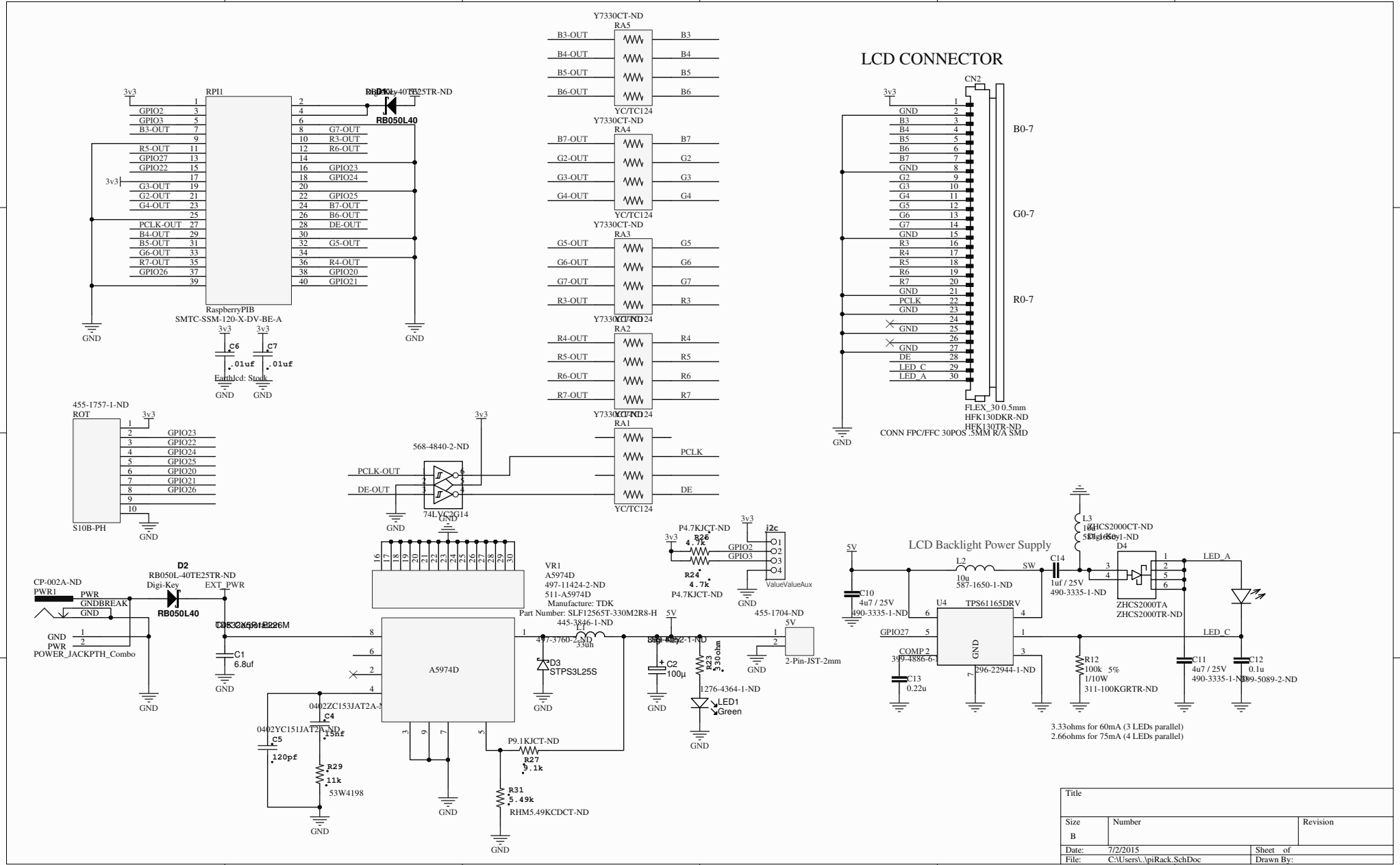
LCD CONNECTOR
CN2
FLEX_30 0.5mm
HFK130DKR-ND
HFK130TR-ND
CONN FPC/FFC 30POS .5MM R/A SMD
B0-7
G0-7
R0-7
RPI1
RaspberryPIB
SMTC-SSM-120-X-DV-BE-A
RB050L40
Y7330CT-ND
YC/TC124
RA5
RA4
RA3
RA2
RA1
455-1757-1-ND
ROT
S10B-PH
568-4840-2-ND
74LVC2G14
CP-002A-ND
PWR1
POWER_JACKPTH_Combo
D2
RB050L-40TE25TR-ND
Digi-Key
EXT_PWR
C1
6.8uf
VR1
A5974D
497-11424-2-ND
511-A5974D
Manufacture: TDK
Part Number: SLF12565T-330M2R8-H
445-3846-1-ND
L1
33uh
497-3760-2-ND
D3
STPS3L25S
C2
100µ
R23
330ohm
1276-4364-1-ND
LED1
Green
455-1704-ND
2-Pin-JST-2mm
P4.7KJCT-ND
R26
4.7k
R24
4.7k
J2c
ValueValueAux
0402ZC153JAT2A-ND
C4
15nf
0402YC151JAT2A-ND
C5
120pf
R29
11k
53W4198
P9.1KJCT-ND
R27
9.1k
R31
5.49k
RHM5.49KCDCT-ND
LCD Backlight Power Supply
L2
10u
587-1650-1-ND
C14
1uf / 25V
490-3335-1-ND
C10
4u7 / 25V
490-3335-1-ND
U4
TPS61165DRV
COMP 2
399-4886-6-
C13
0.22u
296-22944-1-ND
L3
ZHCS2000CT-ND
D4
ZHCS2000TA
ZHCS2000TR-ND
R12
100k 5%
1/10W
311-100KGRTR-ND
C11
4u7 / 25V
490-3335-1-ND
C12
0.1u
399-5089-2-ND
LED_A
LED_C
3.33ohms for 60mA (3 LEDs parallel)
2.66ohms for 75mA (4 LEDs parallel)
Title
Size
B
Number
Revision
Date: 7/2/2015
Sheet of
File: C:\Users\..\piRack.SchDoc
Drawn By: