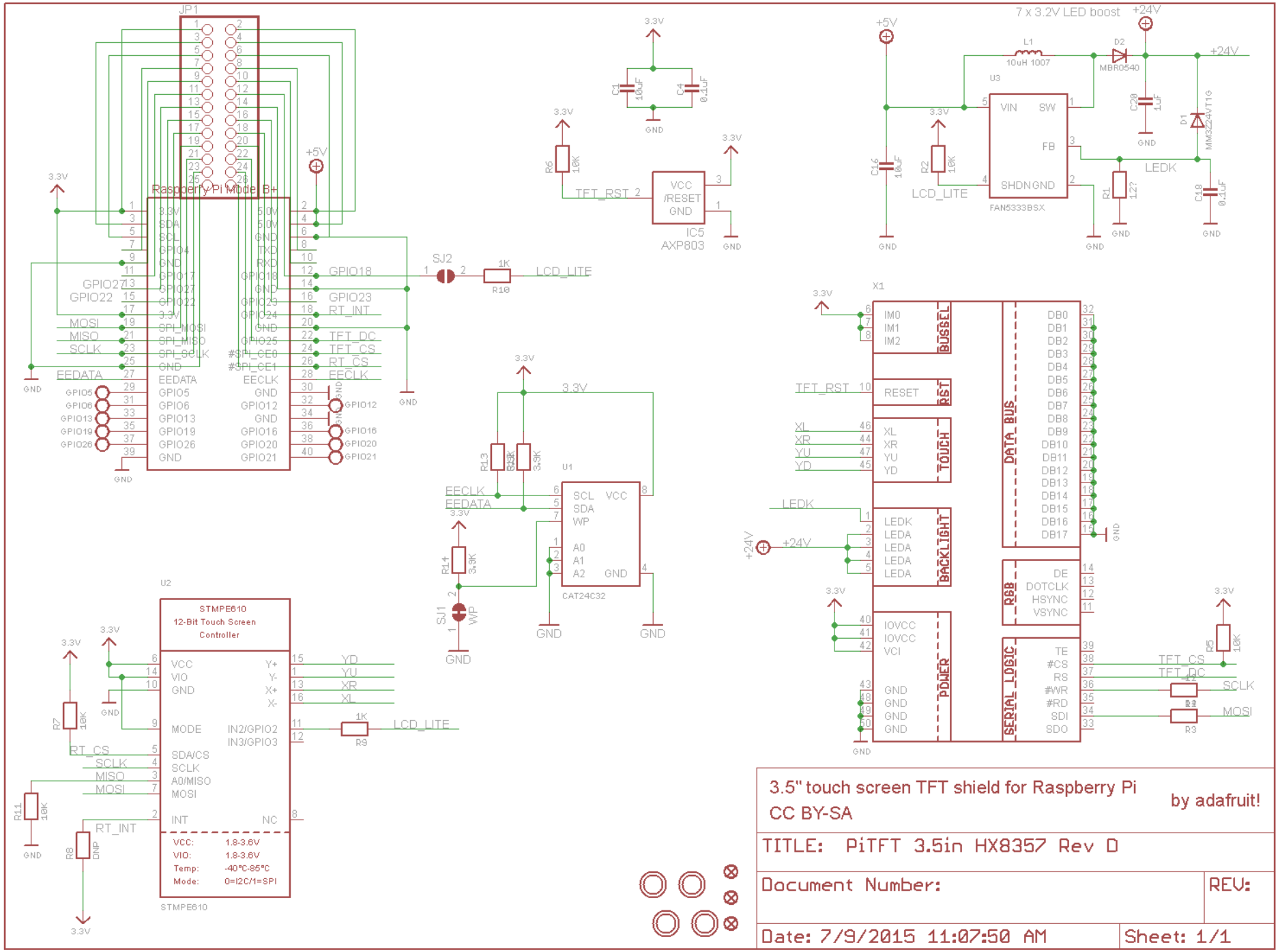
JP1
Raspberry Pi Mode B+
3.3V
+5V
GND
GPIO27
GPIO22
MOSI
MISO
SCLK
EEDATA
GPIO5
GPIO6
GPIO13
GPIO19
GPIO26
GPIO18
GPIO23
RT_INT
TFT_DC
TFT_CS
RT_CS
EECLK
GPIO12
GPIO16
GPIO20
GPIO21
SJ2
1K
R10
LCD_LITE
C1 10uF
C4 0.1uF
R6 10K
TFT_RST
VCC
/RESET
GND
IC5
AXP803
7 x 3.2V LED boost
+24V
L1
10uH 1007
D2
MBR0540
U3
VIN
SW
FB
SHDN
GND
FAN5333BSX
C16 10uF
R2 10K
C20 1uF
D1
MMSZ24VT1G
R1 1.2?
C18 0.1uF
LEDK
X1
IM0
IM1
IM2
BUSSEL
RESET
RST
XL
XR
YU
YD
TOUCH
LEDA
BACKLIGHT
IOVCC
VCI
POWER
DATA BUS
DB0
DB17
RGB
DE
DOTCLK
HSYNC
VSYNC
SERIAL LOGIC
TE
#CS
RS
#WR
#RD
SDI
SDO
R5 10K
R3
U1
SCL
SDA
WP
A0
A1
A2
CAT24C32
R13 3.3K
R14 3.3K
SJ1
U2
STMPE610
12-Bit Touch Screen
Controller
VCC
VIO
MODE
SDA/CS
SCLK
A0/MISO
MOSI
INT
Y+
Y-
X+
X-
IN2/GPIO2
IN3/GPIO3
NC
VCC: 1.8-3.6V
VIO: 1.8-3.6V
Temp: -40°C-85°C
Mode: 0=I2C/1=SPI
R7 10K
R11 10K
R8 DNP
R9 1K
3.5" touch screen TFT shield for Raspberry Pi
CC BY-SA
by adafruit!
TITLE: PiTFT 3.5in HX8357 Rev D
Document Number:
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Sheet: 1/1