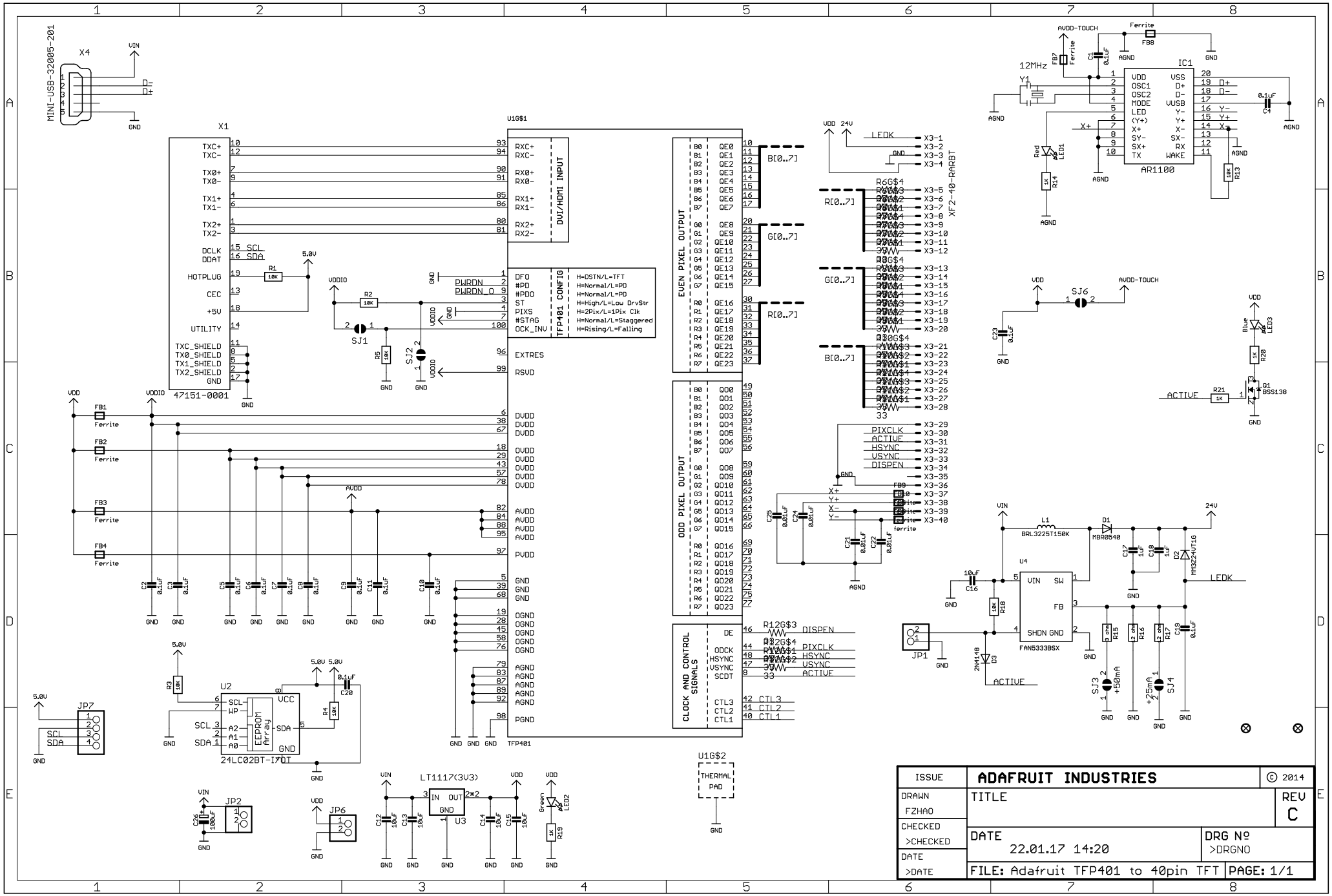
MINI-USB-32005-201
X4
VIN
D-
D+
GND
X1
TXC+
TXC-
TX0+
TX0-
TX1+
TX1-
TX2+
TX2-
DCLK
DDAT
SCL
SDA
HOTPLUG
CEC
+5V
UTILITY
TXC_SHIELD
TX0_SHIELD
TX1_SHIELD
TX2_SHIELD
47151-0001
U1G$1
RXC+
RXC-
RX0+
RX0-
RX1+
RX1-
RX2+
RX2-
DVI/HDMI INPUT
DFO
#PD
#PDO
ST
PIXS
#STAG
OCK_INV
TFP401 CONFIG
H=DSTN/L=TFT
H=Normal/L=PD
H=Normal/L=PD
H=High/L=Low DrvStr
H=2Pix/L=1Pix Clk
H=Normal/L=Staggered
H=Rising/L=Falling
EXTRES
RSVD
DVDD
OVDD
AVDD
PVDD
GND
OGND
AGND
PGND
TFP401
EVEN PIXEL OUTPUT
ODD PIXEL OUTPUT
CLOCK AND CONTROL SIGNALS
DE
QDCK
HSYNC
VSYNC
SCDT
CTL3
CTL2
CTL1
B[0..7]
G[0..7]
R[0..7]
XF2-40-RARBT
LEDK
PIXCLK
ACTIVE
HSYNC
VSYNC
DISPEN
ferrite
U1G$2
THERMAL PAD
JP7
U2
24LC02BT-I/OT
EEPROM Array
LT1117(3V3)
U3
JP2
JP6
LED2
Green
12MHz
Y1
IC1
AR1100
VDD
OSC1
OSC2
MODE
LED
(Y+)
X+
SY-
SX+
TX
VSS
D+
D-
VUSB
Y-
Y+
X-
SX-
RX
WAKE
AVDD-TOUCH
Ferrite
FB8
FB7
LED1
Red
AGND
SJ6
LED3
Blue
Q1
BSS138
ACTIVE
L1
BRL3225T150K
D1
MBR0540
U4
VIN
SW
FB
SHDN
GND
FAN5333BSX
D2
MM3Z24VT1G
24V
JP1
2N4148
D3
SJ3
+50mA
+25mA
SJ4
SJ1
SJ2
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
R18
R19
R20
R21
FB1
FB2
FB3
FB4
FB9
FB10
FB11
FB12
FB13
FB14
FB15
FB16
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
C15
C16
C17
C18
C19
C20
C21
C22
C23
C24
C25
C26
0.1uF
0.01uF
10uF
1uF
100uF
1K
10K
2 ohm
5 ohm
ISSUE
ADAFRUIT INDUSTRIES
© 2014
DRAWN
FZHAO
TITLE
REV
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CHECKED
>CHECKED
DATE
22.01.17 14:20
DRG Nº
>DRGNO
DATE
>DATE
FILE: Adafruit TFP401 to 40pin TFT
PAGE: 1/1