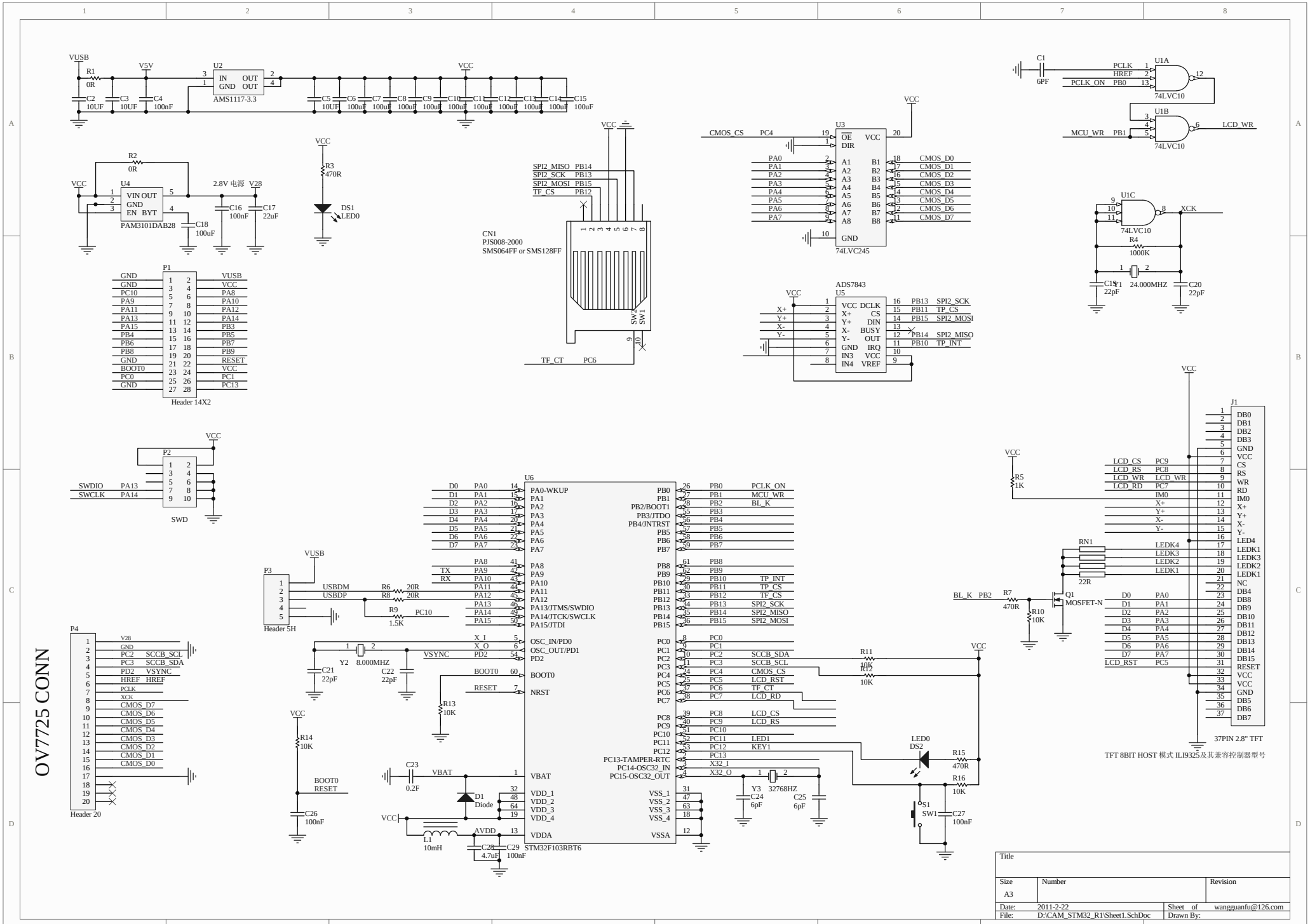
OV7725 CONN
VUSB
V5V
VCC
U2
IN OUT
GND OUT
AMS1117-3.3
R1 0R
C2 10UF
C3 10UF
C4 100nF
C5 10UF
C6 100uF
C7 100uF
C8 100uF
C9 100uF
C10 100uF
C11 100uF
C12 100uF
C13 100uF
C14 100uF
C15 100uF
R2 0R
U4
VIN OUT
GND
EN BYT
PAM3101DAB28
C18 100uF
2.8V 电源
V28
C16 100nF
C17 22uF
R3 470R
DS1 LED0
CN1
PJS008-2000
SMS064FF or SMS128FF
SPI2_MISO PB14
SPI2_SCK PB13
SPI2_MOSI PB15
TF_CS PB12
TF_CT PC6
SW1
U3
OE VCC
DIR
A1 B1
A2 B2
A3 B3
A4 B4
A5 B5
A6 B6
A7 B7
A8 B8
GND
74LVC245
CMOS_CS PC4
PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7
CMOS_D0 CMOS_D1 CMOS_D2 CMOS_D3 CMOS_D4 CMOS_D5 CMOS_D6 CMOS_D7
C1 6PF
PCLK
HREF
PCLK_ON PB0
U1A
74LVC10
U1B
MCU_WR PB1
LCD_WR
U1C
XCK
R4 1000K
Y1 24.000MHZ
C19 22pF
C20 22pF
ADS7843
U5
VCC DCLK
X+ CS
Y+ DIN
X- BUSY
Y- OUT
GND IRQ
IN3 VCC
IN4 VREF
PB13 SPI2_SCK
PB11 TP_CS
PB15 SPI2_MOSI
PB14 SPI2_MISO
PB10 TP_INT
P1
Header 14X2
GND
PC10
PA9
PA11
PA13
PA15
PB4
PB6
PB8
BOOT0
PC0
VUSB
PA8
PA10
PA12
PA14
PB3
PB5
PB7
PB9
RESET
PC1
PC13
P2
SWDIO PA13
SWCLK PA14
SWD
P3
Header 5H
USBDM
USBDP
R6 20R
R8 20R
R9 1.5K
PC10
U6
STM32F103RBT6
PA0-WKUP
PA1
PA2
PA3
PA4
PA5
PA6
PA7
PA8
PA9
PA10
PA11
PA12
PA13/JTMS/SWDIO
PA14/JTCK/SWCLK
PA15/JTDI
PB0
PB1
PB2/BOOT1
PB3/JTDO
PB4/JNTRST
PB5
PB6
PB7
PB8
PB9
PB10
PB11
PB12
PB13
PB14
PB15
PCLK_ON
MCU_WR
BL_K
TP_INT
TP_CS
SPI2_SCK
SPI2_MISO
SPI2_MOSI
OSC_IN/PD0
OSC_OUT/PD1
PD2
BOOT0
NRST
PC0
PC1
PC2
PC3
PC4
PC5
PC6
PC7
PC8
PC9
PC10
PC11
PC12
PC13-TAMPER-RTC
PC14-OSC32_IN
PC15-OSC32_OUT
SCCB_SDA
SCCB_SCL
CMOS_CS
LCD_RST
TF_CT
LCD_RD
LCD_CS
LCD_RS
LED1
KEY1
X_I
X_O
VSYNC
VBAT
VDD_1
VDD_2
VDD_3
VDD_4
VDDA
VSS_1
VSS_2
VSS_3
VSS_4
VSSA
Y2 8.000MHZ
C21 22pF
C22 22pF
R13 10K
R14 10K
C26 100nF
C23 0.2F
D1 Diode
L1 10mH
AVDD
C28 4.7uF
C29 100nF
Y3 32768HZ
C24 6pF
C25 6pF
R11 10K
R12 10K
LED0 DS2
R15 470R
R16 10K
S1 SW1
C27 100nF
R5 1K
RN1 22R
BL_K PB2
R7 470R
R10 10K
Q1 MOSFET-N
J1
37PIN 2.8" TFT
TFT 8BIT HOST 模式 ILI9325及其兼容控制器型号
P4
Header 20
V28
GND
PC2 SCCB_SCL
PC3 SCCB_SDA
PD2 VSYNC
HREF HREF
PCLK
XCK
CMOS_D7
CMOS_D6
CMOS_D5
CMOS_D4
CMOS_D3
CMOS_D2
CMOS_D1
CMOS_D0
Title
Size A3
Number
Revision
Date: 2011-2-22
Sheet of
wangguanfu@126.com
File: D:\CAM_STM32_R1\Sheet1.SchDoc
Drawn By: