

TFT_LCD

RESET

CH340

ST-LINK

TF-Card

LED

VREF

KEY

BOOT

ADC

DAC

ADF4351

ADF4351-1

ADS1256

AD9959

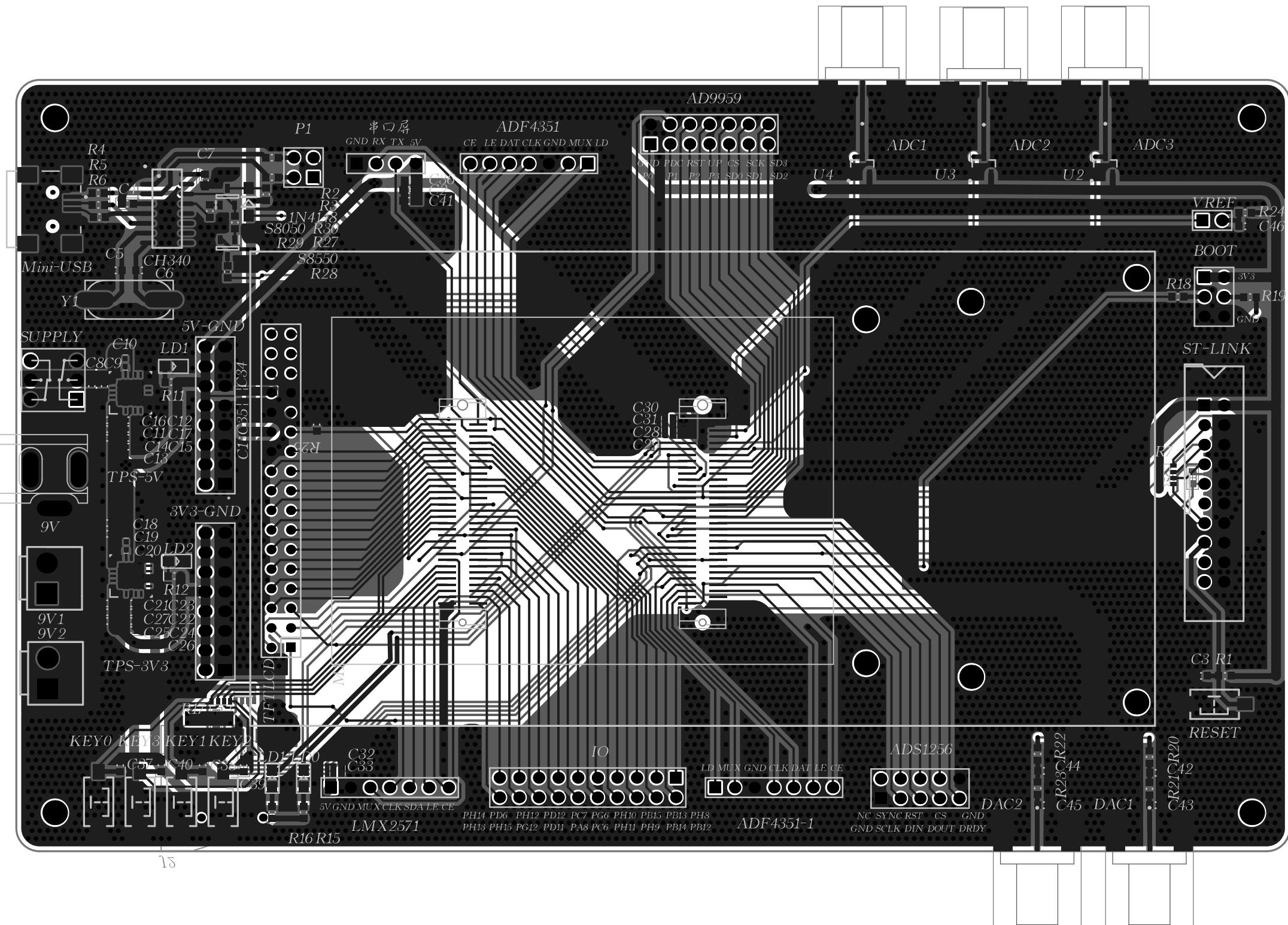
LM2571

PWR_5V

PWR_3V3

PWR_9V

Rev	Number	Version
Alt		
Doc	Doc No.	Doc Rev
Doc	Doc No.	Doc Rev



Comment	Description	Designator	Footprint	LibRef	Quantity
BAT60FILM	Default Diode	1N4148	DIODE_SOP	Diode	1
Header 8X2_Female	Header, 8-Pin, Dual row, female	3V3-GND, 5V-GND	HDR_8x2_2R54_V_F	Header 8X2_Female	2
POWER		9V	DC10B	POW	1
3.96		9V1, 9V2	3.96	3.96	2
Header 7X2	Header, 7-Pin, Dual row	AD9959	HDR2X7	Header 7X2	1
SMA	SMA Connector	ADC1, ADC2, ADC3, DAC1, DAC2	SMA	SMA	5
Header 7	Header, 7-Pin	ADF4351, ADF4351-1, LMX2571	HDR1X7	Header 7	3
Header 5X2	Header, 5-Pin, Dual row	ADS1256	HDR2X5	Header 5X2	1
Header 3X2	Header, 3-Pin, Dual row	BOOT	HDR2X3	Header 3X2	1
104	无极性贴片电容	C1, C2	0603C	C	2
0.1uF	Capacitor	C3, C46	0603C	C	2
Cap-S	贴片瓷片电容	C4, C5, C6, C7, C41	0603C	Cap-S	5
10uf	Capacitor	C8, C9, C11, C12, C13, C14, C15, C16, C17, C18, C19, C21, C22, C23, C24, C25, C26, C27	0603C	C	18
1uf	Capacitor	C10, C20	0402	C	2
0.1u	Capacitor	C28, C30, C32, C34	0402	C	4
0.1n	Capacitor	C29, C31, C33, C35	0402	C	4
Cap-S	贴片瓷片电容	C36	C0603-L	Cap-S	1
100nF	Capacitor	C37, C38, C39, C40	0603C	C	4
SELE	Capacitor	C42, C43, C44, C45	0603C	C	4
CH340G	SOP16	CH340	SOP-16	CH340G	1
Header 10X2	Header, 10-Pin, Dual row	IO1	HDR2X10	Header 10X2	1
TF_Card	TF卡座	J2	Micro SD	TF_Card	1
3x6x5	3x6轻触开关	KEY1, KEY2, KEY3, KEY4, RESET	TSW SMD-3*6*2.5	TSW 3x6	5
LED	Typical RED, GREEN, YELLOW, AMBER GaAs LED	LD1, LD2, LD3, LD4	SMDLED	LED	4
STM32F4&F7_C	F429/746 Core Board	M1	STM32F4&F7_C - duplicate	STM32F4&F7_C	1
USB-B(Mini)		Mini-USB	USB/SM0.8-6H5	USB5	1
Header 2X2	Header, 2-Pin, Dual row	P1	HDR2X2	Header 2X2	1
10k	Resistor	R1, R18, R19, R30	0603R	Resistor	4
R	贴片电阻	R2, R3, R4, R5, R6, R8, R10	0603R	Res	7
R	排阻 4	R7, R9, R17	R0603X4	Res-4R	3
1k	Resistor	R11, R12, R27, R28, R29	0603R	Resistor	5
510	Resistor	R15, R16	0603R	Resistor	2
SELE	Resistor	R20, R21, R22, R23	0603R	Resistor	4
10R	Resistor	R24	0603R	Resistor	1
4.7K	Resistor	R25	0603R	Resistor	1
S8050	Transistor	S8050	SOT95P240X1 15-3N	S8050	1
S8550	Transistor BJT PNP	S8550	SOT95P240X1 15-3N	S8550	1
DC-20P		ST-LINK	DC-20P	DC-20P	1
KET 8X8	8*8自锁开关	SUPPLY	KFT DIP-8X8	KET 8X8	1
TFT_LCD		TFTLCD	db2*17-4.3	TFT_LCD	1
TPS7A4701QR GWRQ1	No Description Available	TPS-3V3, TPS-5V	RGW0020A	TPS7A4701QR GWRQ1	2
BAT54S		U2, U3, U4	SOT-23-3	BAT54S	3
Header 2	Header, 2-Pin	VREF	HDR1X2	Header 2	1
XTAL	晶振	Y1	XTAL-PB2-SMD	XTAL	1
Header 4	Header, 4-Pin	串口屏	HDR1X4	Header 4	1