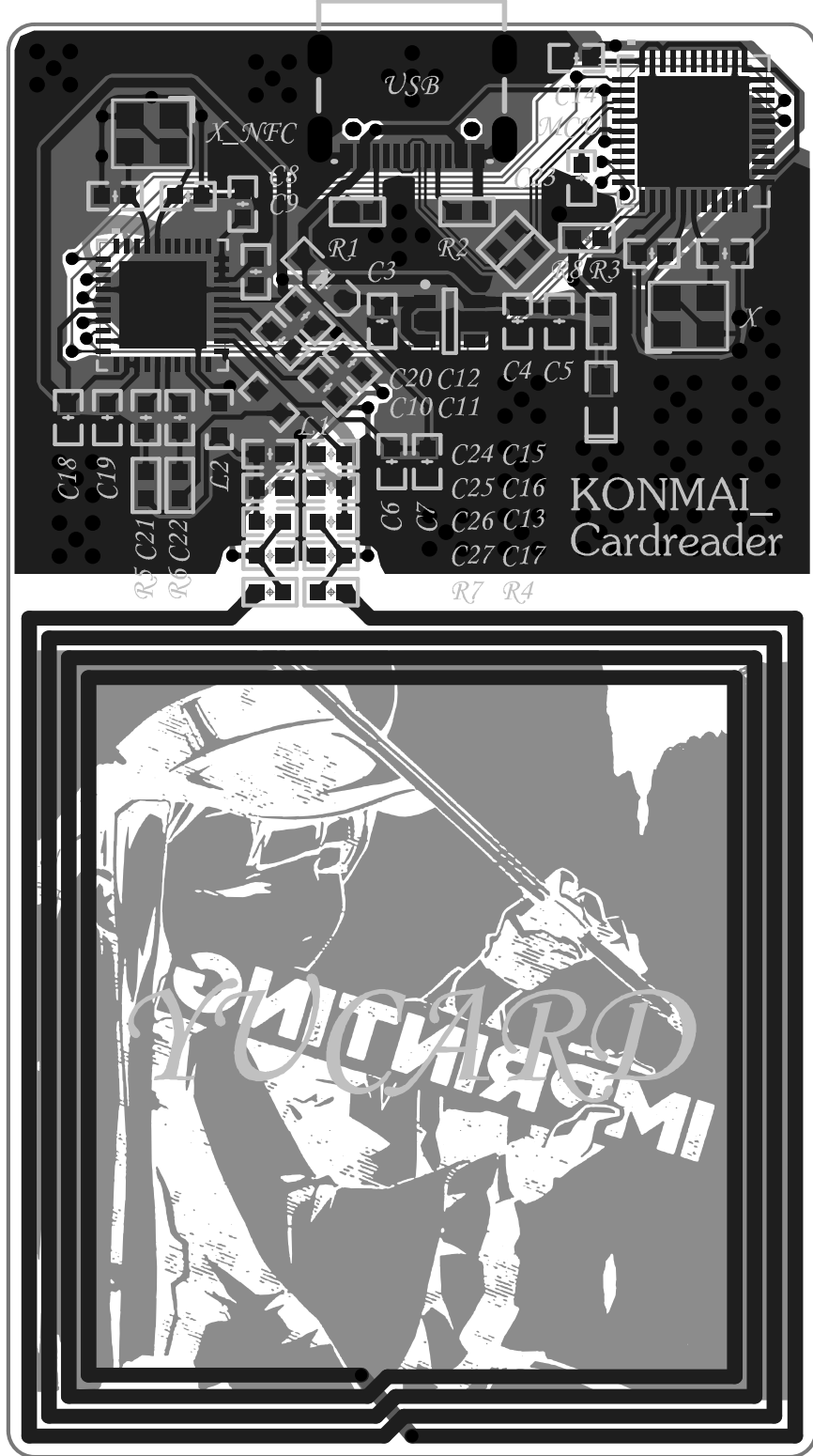


Title			
SDVX_Cardreader			
Size	Number	Revision	
A4	Sirius	V1.0	
Date:	2/13/2022	Sheet of	
File:	D:\Altium Documents\SDVX_Cardreader\SDVX_Cardreader.SchDoc	Sheet of	



Comment	Description	Designator	Footprint	LibRef	Quantity
RT9013-33GB	LDO 3.0V/0.3A	3V3	SOT-23-5	RT9193-30GB	1
12pF	贴片电容	C1, C2	C0603_L	C	2
10uF	贴片电容, TVDD续流电容	C3, C4, C7	C0603_L	C	3
100nF	贴片电容, TVDD续流电容, DVDD滤波, AREF滤波电容, VBAT滤波	C5, C6, C8, C14, C18, C19, C20	C0603_L	C	7
2.2uF	AVDD滤波	C9	C0603_L	C	1
470nF	贴片电容	C10	C0603_L	C	1
82pF	贴片电容	C11, C12, C17, C27	C0603_L	C	4
33pF	贴片电容	C13, C16, C25, C26	C0603_L	C	4
220pF	贴片电容	C15, C24	C0603_L	C	2
1.5pF	贴片电容	C21, C22	C0603_L	C	2
1uF	贴片电容	C23	C0603_L	C	1
20pF	贴片电容	C28, C29	C0603_L	C	2
B5919WS	肖特基二极管	D	SOD-323	1N5819	1
470nH	贴片小功率电感	L1, L2	L0603	L	2
Green	贴片LED	LED_3V3	LED0603_G	LED-SMD	1
ATmega32U4	AVR单片机	MCU	44PW_ATM-M	ATmega32U4	1
PN5180	NFC_IC	NFC_IC	QFN40_PN5180_NXP-L	PN5180	1
5.1K	贴片电阻	R1, R2	R0603_L	R	2
4.7K	贴片电阻	R3, R5, R6	R0603_L	R	3
1.1R	贴片电阻	R4, R7	R0603_L	R	2
10K	贴片电阻	R8	R0603_L	R	1
22R	贴片电阻	R9, R10	R0603_L	R	2
TYPE-C 2.0 -16P	USB2.0 Type-C 16Pin 母座	USB	USB-C-SMD_16P	USB2.0_Type-C_16Pin	1
8M	4脚无源晶振(谐振器)	X	XTAL-3225-4P	XTAL-4P	1
27.12M	4脚无源晶振(谐振器)	X_NFC	XTAL-3225-4P	XTAL-4P	1