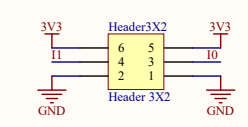
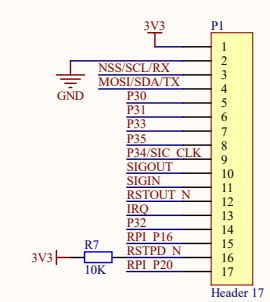
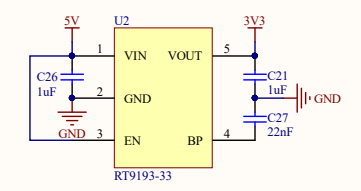


SCK	1	1	6	RPI SCK
MISO	2	2	5	RPI MISO
MOSI/SDA/TX3	3	3	4	RPI MOSI
NSS/SCL/RX	4	4	3	RPI P4
NSS/SCL/RX	5	5	2	RPI SCL
MOSI/SDA/TX6	6	6	1	RPI SDA
NSS/SCL/RX	7	7	0	RPI TX
MOSI/SDA/TX8	8	8	9	RPI RX

1	2	5V
RPI SDA	3	5V
RPI SCL	4	GND
RPI P4	5	RPI TX
GND	6	RPI RX
RPI P17	7	RPI P18
RPI P27	8	GND
RPI P22	9	RPI P23
	10	RPI P24
	11	GND
	12	RPI P25
	13	RPI CE0
	14	RPI CE1
	15	GND
	16	RPI P26
	17	RPI P27
	18	GND
	19	RPI P28
	20	RPI P29
	21	GND
	22	RPI P30
	23	RPI P31
	24	GND
	25	RPI P32
	26	RPI P33
	27	GND
	28	RPI P34
	29	RPI P35
	30	GND
	31	RPI P36
	32	RPI P37
	33	GND
	34	RPI P38
	35	RPI P39
	36	GND
	37	RPI P40
	38	RPI P41
	39	GND
	40	RPI P42



	I1	I0
UART	L	L
I2C	L	H
SPI	H	L



W<sub>aveshare</sub> NFC  
PN532 NFC HAT

Comment	Description	Designator	Footprint	LibRef	Quantity
NFC			NFC_LOGO_1000MIL	NFC	1
22pF	Capacitor	C1, C2	C0603	Cap	2
220pF	Capacitor	C3, C4, C7, C8	C0603	Cap	4
NC	Capacitor	C5, C6, C9, C10	C0603	Cap	4
10uF	Capacitor	C11, C18, C19	C0603	Cap	3
12pF	Capacitor	C12, C13	C0603	Cap	2
0.1uF	Capacitor	C14, C16, C17, C20, C22 C23 C24 C25	C0603	Cap	8
1000pF	Capacitor	C15	C0603	Cap	1
1uF	Capacitor	C21, C26	C0603	Cap	2
22nF	Capacitor	C27	C0603	Cap	1
Header 3X2		Header3X2	HDR2X3S	Header 3X2	1
RPI GPIO	Header, 20-Pin, Dual row	JP1	HDR2X20	Header 20X2	1
FERRITE	FERRITE0805	L1, L2	FERRITE	FERRITE	2
Inductor	Inductor	L3, L4	L0805	Inductor	2
waveshare_logo		logo1	WS_symbol_M_new	waveshare_logo	1
Header 17	Header, 17-Pin	P1	HDR1X17SR	Header 17	1
LED_PWR	Typical RED, GREEN, YELLOW, AMBER GaAs LED	PWR	LED0805	LED2	1
1K	Resistor	R1	R0603	Res2	1
1.5K	Resistor	R2	R0603	Res2	1
1.5	Resistor	R3, R4	R0603	Res2	2
10K	Resistor	R7	R0603	Res2	1
2K	Resistor	R8	R0603	Res2	1
4.7K	Resistor	R9, R10	R0603	Res2	2
SWITCH8-2		SW1	SW-DIP8-1.27	SWITCH8-2	1
PN532		U1	PN532-HVQFN40	PN532	1
RT9193-33		U2	SOT23-5	RT9193-33	1
27.12MHz	Crystal Oscillator	Y1	XTAL-3225	XTAL	1