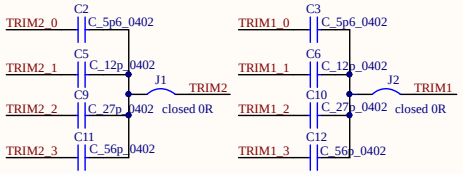
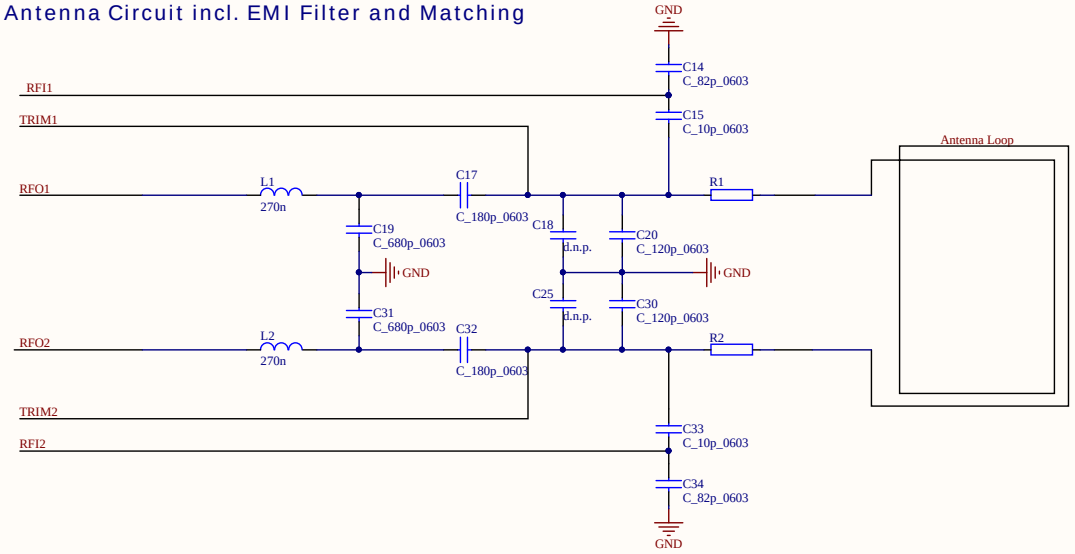
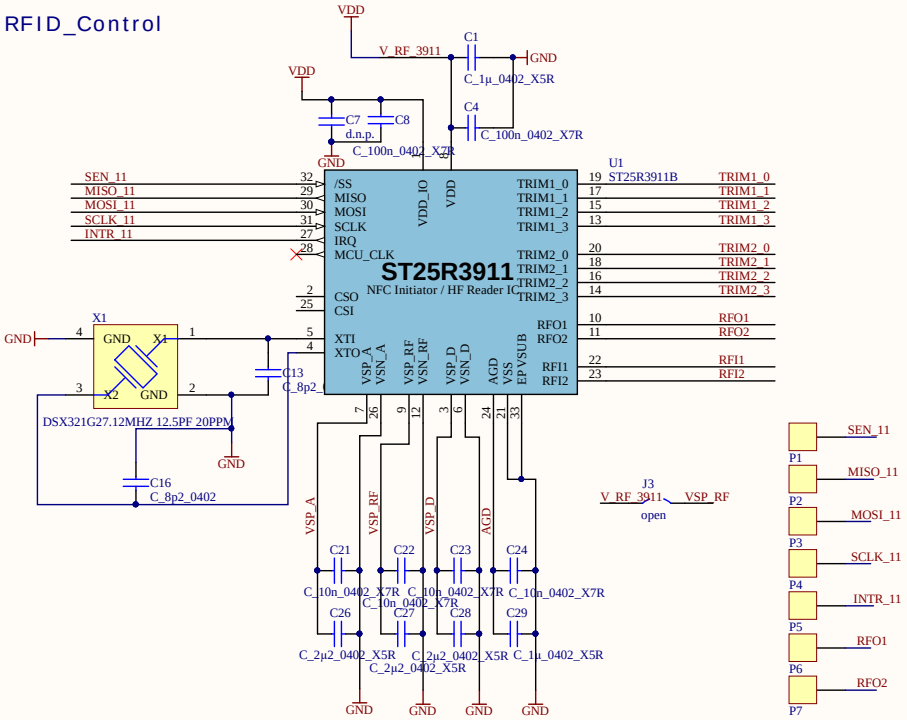
Trim Capacitor Banks



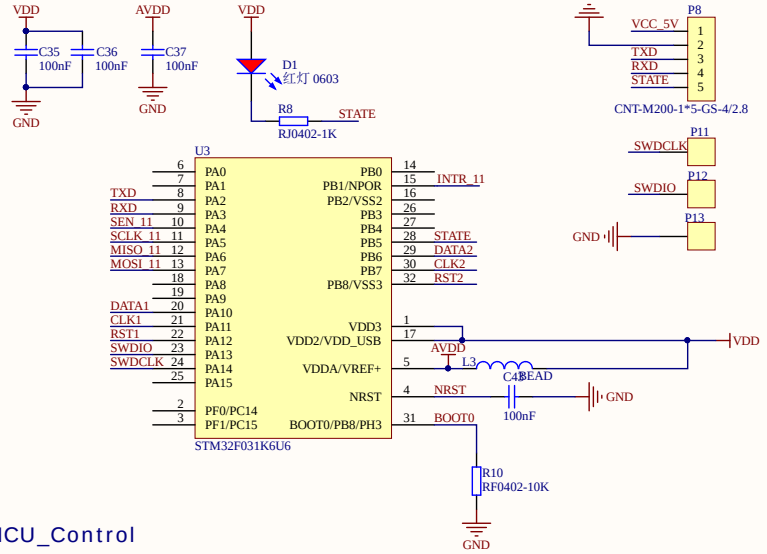
Antenna Circuit incl. EMI Filter and Matching



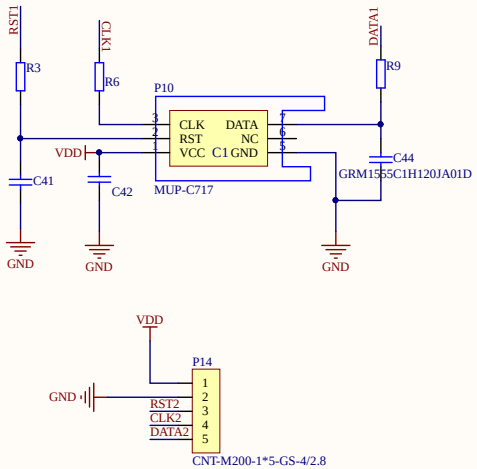
RFID_Control



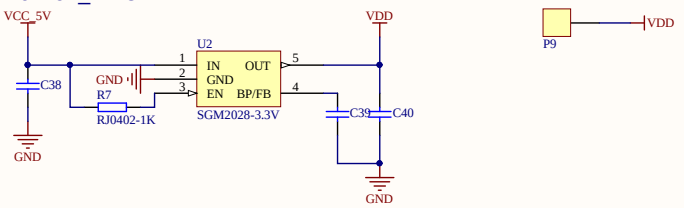
MCU_Control



PSAM_Cassette



Power_LDO



Title ST25R3911_NFC_Board		
Size A3	Number No.1	Revision V1.0
Date: 2019/3/5		Sheet of
File: C:\Users\..\nfc_3911_sch.SchDoc		Drawn By: Tyler_Tang

Bill of Materials

<Parameter Title not found>

Source Data From: NFC_3911_Project.PrjPcb
Project: NFC_3911_Project.PrjPcb
Variant: None

Creation Date: 2019/3/5 13:40:02
Print Date: 05-Mar-19 1:40:13 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
0402_C	C_1µ_0402_X5R	C_1µ_0402_X5R	C1, C29	1u_X5R	2
0402_C	C_5p6_0402	C_5p6_0402	C2, C3	5p6_COG	2
0402_C	C_100n_0402_X7R	C_100n_0402_X7R	C4, C8	100n_X7R	2
0402_C	C_12p_0402	C_12p_0402	C5, C6	12p_COG	2
0402_C	d.n.p.	C_0402	C7		1
0402_C	C_27p_0402	C_27p_0402	C9, C10	27p_COG	2
0402_C	C_56p_0402	C_56p_0402	C11, C12	56p_COG	2
0402_C	C_8p2_0402	C_8p2_0402	C13, C16	8p2_COG	2
0603_C	C_82p_0603	C_82p_0603	C14, C34	82p_COG	2
0603_C	C_10p_0603	C_10p_0603	C15, C33	10p_COG	2
0603_C	C_180p_0603	C_180p_0603	C17, C32	180p_COG	2
0603_C	d.n.p.	C_0603	C18, C25		2
0603_C	C_680p_0603	C_680p_0603	C19, C31	680p_COG	2
0603_C	C_120p_0603	C_120p_0603	C20, C30	120p_COG	2
0402_C	C_10n_0402_X7R	C_10n_0402_X7R	C21, C22, C23, C24	10n_x7R	4
0402_C	C_2µ2_0402_X5R	C_2µ2_0402_X5R	C26, C27, C28	2u2_X5R	3
0402_C	100nF	Cap	C35, C36, C37, C43	Capacitor	4
0402_C	CAP-NP	1405000354, 1405000354, 1405000727, 1405000357, 1405000357	C38, C39, C40, C41, C42	1uF/6.3V/10%/X5R, 1uF/6.3V/10%/X5R, 10nF/25V/10%/X7R, 0.1uF/16V/10%/X5R, 0.1uF/16V/10%/X5R	5
0402C_0.4D	CAP-NP	1405000181	C44	12pF/50V/5%/C0G	1
0603_LED_S1	红灯 0603	0603 红灯	D1	发光二极管	1
0402_R	closed 0R	solder_jumper_closed	J1, J2	0R	2
0603_L	270n	L0603_270nH	L1, L2	L0603_270nH	2
0603	BEAD	Inductor	L3	Inductor	1
TP1	Hole	Hole	P1, P2, P3, P4, P5, P6, P7, P9, P11, P12, P13		11
SIP 2.0_5_S	SPI 5-M	1416000091	P8, P14	2.00mm/1*5P/单排/直/PA=4/PC=2.8	2
SIM-MUP-C717	SIM-4	1416000310	P10	SIM卡座	1
0603_R	3R9	R0603_3R9	R1, R2	3R9, 0603	2
0402R_0.4D	RES	1408000466, 1408000466, 1408000535, 1408000535, 1408000466, 1408000127	R3, R6, R7, R8, R9, R10	33R/5%/100PPM, 33R/5%/100PPM, 1K/5%/100PPM, 1K/5%/100PPM, 33R/5%/100PPM, 10K/1%/100PPM	6
ST25R3911B	ST25R3911B	ST25R3911	U1	NFC Initiator / HF Reader IC	1
SGM2028-3.3	SGM2028-3.3V	SGM2028	U2		1
STM32F031K6U6	STM32F031K6U6	MCU_LQFP32	U3		1
2520	CRYSTAL-4P	1413000276	X1	10pF/40MHz/10PPM/60Ωmax/-40°~85°	1
					76

Approved **Notes**