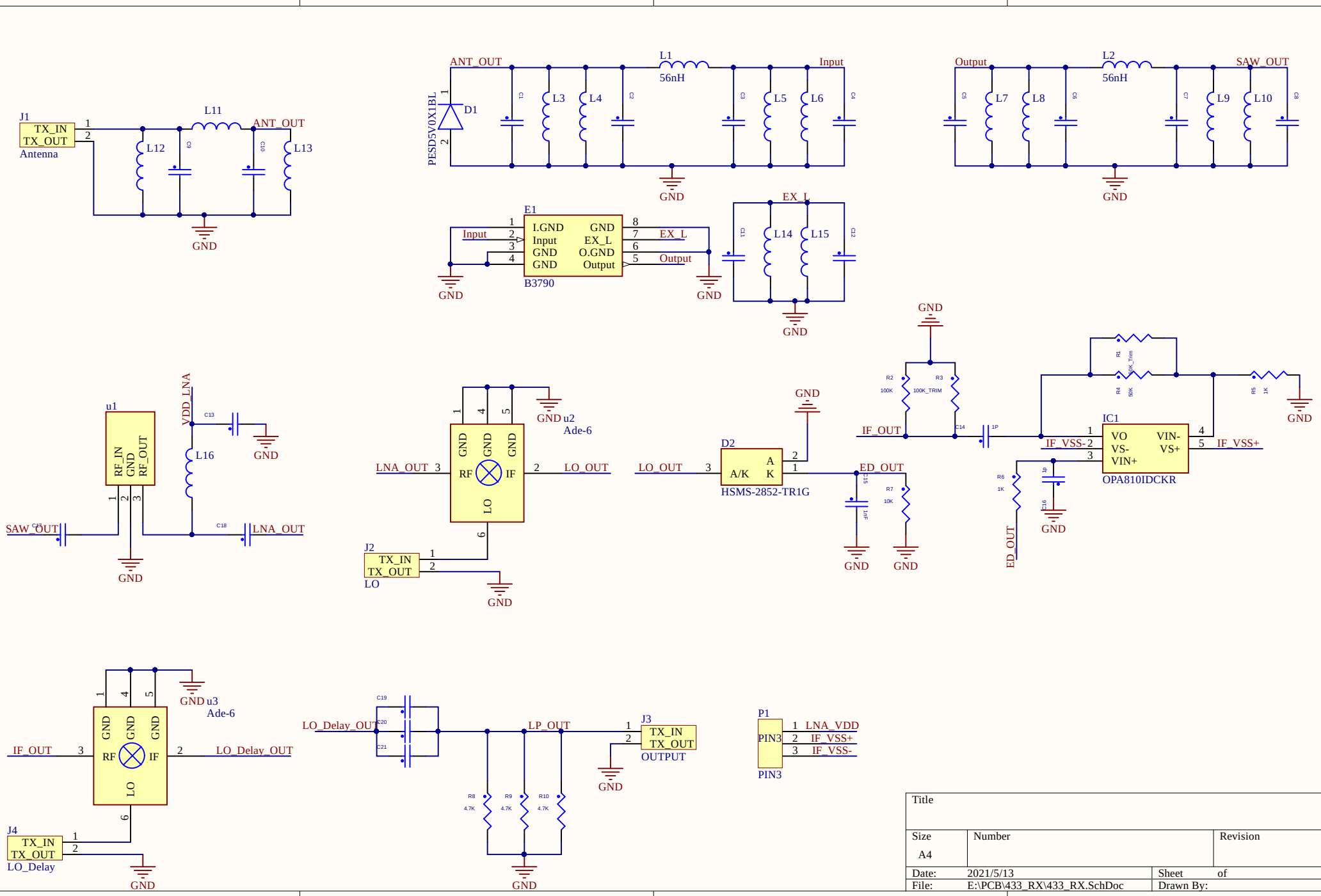
J1
TX_IN
TX_OUT
Antenna
L11
L12
L13
ANT_OUT
GND
ANT_OUT
L1
56nH
Input
D1
PESD5V0X1BL
L3
L4
L5
L6
GND
Output
L2
56nH
SAW_OUT
L7
L8
L9
L10
GND
E1
I.GND
Input
GND
GND
GND
Input
EX_L
O.GND
Output
B3790
EX_L
L14
L15
GND
u1
RF_IN
GND
RF_OUT
VDD_LNA
L16
GND
SAW_OUT
LNA_OUT
u2
Ade-6
LNA_OUT
LO_OUT
J2
TX_IN
TX_OUT
LO
D2
A/K
A
K
HSMS-2852-TR1G
LO_OUT
ED_OUT
GND
IF_OUT
100K
100K_TRIM
100K_Trim
90K
1K
IC1
VO
VS-
VIN+
VIN-
VS+
OPA810IDCKR
IF_VSS-
IF_VSS+
ED_OUT
GND
u3
Ade-6
IF_OUT
LO_Delay_OUT
J4
TX_IN
TX_OUT
LO_Delay
LO_Delay_OUT
LP_OUT
J3
TX_IN
TX_OUT
OUTPUT
4.7K
P1
PIN3
LNA_VDD
IF_VSS+
IF_VSS-
PIN3
Title
Size
A4
Number
Revision
Date:
2021/5/13
Sheet
of
File:
E:\PCB\433_RX\433_RX.SchDoc
Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
	CAP CER 0.1UF 1	C1	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C2	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C3	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C4	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C5	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C6	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C7	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C8	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C9	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C10	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C11	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C12	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C13	C0402	CAP_NP	1
1P	CAP CER 0.1UF 1	C14	C0402	CAP_NP	1
1nF	CAP CER 0.1UF 1	C15	C0402	CAP_NP	1
1p	CAP CER 0.1UF 1	C16	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C17	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C18	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C19	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C20	C0402	CAP_NP	1
	CAP CER 0.1UF 1	C21	C0402	CAP_NP	1
PESD5V0X1BL	Diode	D1	PESD5V0X1BL	PESD5V0X1BL	1
HSMS-2852-TR1G	Diode	D2	SOT65P210X110-	HSMS-2852-TR1G	1
B3790		E1	B3790	B3790	1
OPA810IDCKR	Integrated Circuit	IC1	SOT65P210X110-	OPA810IDCKR	1
Antenna	SMA-2	J1	SMA-2	SMA-2	1
LO	SMA-2	J2	SMA-2	SMA-2	1
OUTPUT	SMA-2	J3	SMA-2	SMA-2	1
LO_Delay	SMA-2	J4	SMA-2	SMA-2	1
56nH	Inductor	L1	0402-A	Inductor	1
56nH	Inductor	L2	0402-A	Inductor	1
	Inductor	L3	0402-A	Inductor	1
	Inductor	L4	0402-A	Inductor	1
	Inductor	L5	0402-A	Inductor	1
	Inductor	L6	0402-A	Inductor	1
	Inductor	L7	0402-A	Inductor	1
	Inductor	L8	0402-A	Inductor	1
	Inductor	L9	0402-A	Inductor	1
	Inductor	L10	0402-A	Inductor	1
56nH	Inductor	L11	0402-A	Inductor	1
	Inductor	L12	0402-A	Inductor	1
	Inductor	L13	0402-A	Inductor	1
	Inductor	L14	0402-A	Inductor	1
	Inductor	L15	0402-A	Inductor	1
	Inductor	L16	0402-A	Inductor	1
PIN3		P1	PIN3	PIN3	1
50K_Trim	RES MF 1.0M 1/1	R1	R0402	RES	1
100K	RES MF 1.0M 1/1	R2	R0402	RES	1
100K_TRIM	RES MF 1.0M 1/1	R3	R0402	RES	1
50K	RES MF 1.0M 1/1	R4	R0402	RES	1
1K	RES MF 1.0M 1/1	R5	R0402	RES	1
1K	RES MF 1.0M 1/1	R6	R0402	RES	1
10K	RES MF 1.0M 1/1	R7	R0402	RES	1
4.7K	RES MF 1.0M 1/1	R8	R0402	RES	1
4.7K	RES MF 1.0M 1/1	R9	R0402	RES	1
4.7K	RES MF 1.0M 1/1	R10	R0402	RES	1
1		u1	TOP3M9008	TQP3M9008	1
Ade-6		u2	Ade-6	Ade-6	1
Ade-6		u3	Ade-6	Ade-6	1