

图2.33（高频增强电路）

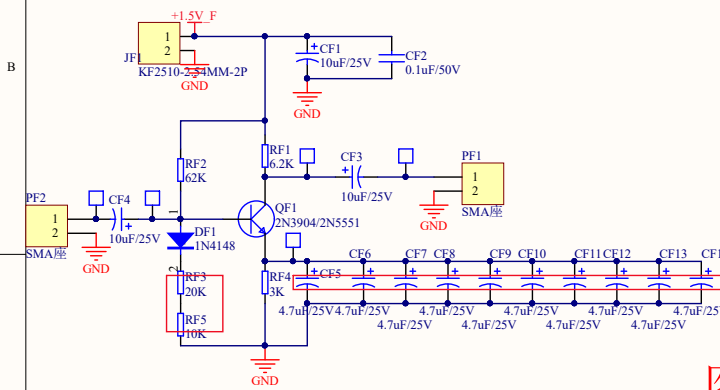


图2.29（低电源电压、低损耗电流放大电路）

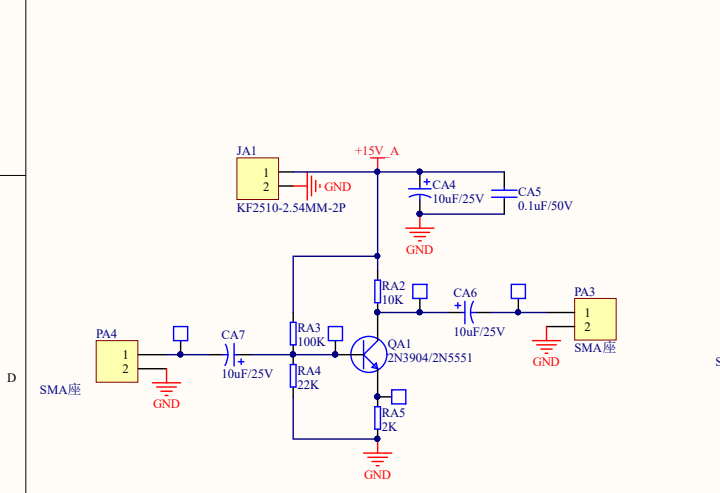


图2.1（用一只晶体管进行工作的典型的共发射极放大电路）

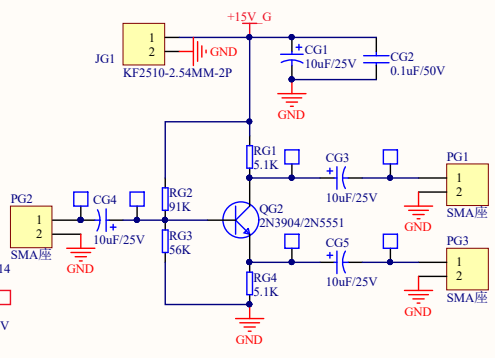


图2.30（两相信号发生电路）

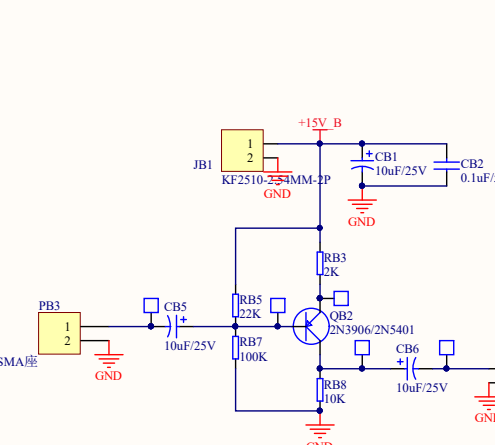


图2.8（用PNP型晶体管的共发射极放大电路）

备注：如果是正电源供电，输入输出耦合电容正极朝内

图2.34（高频宽带放大电路）

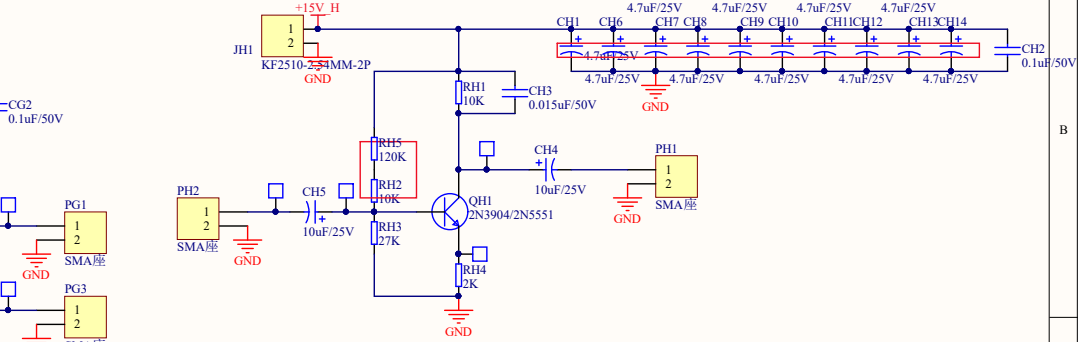
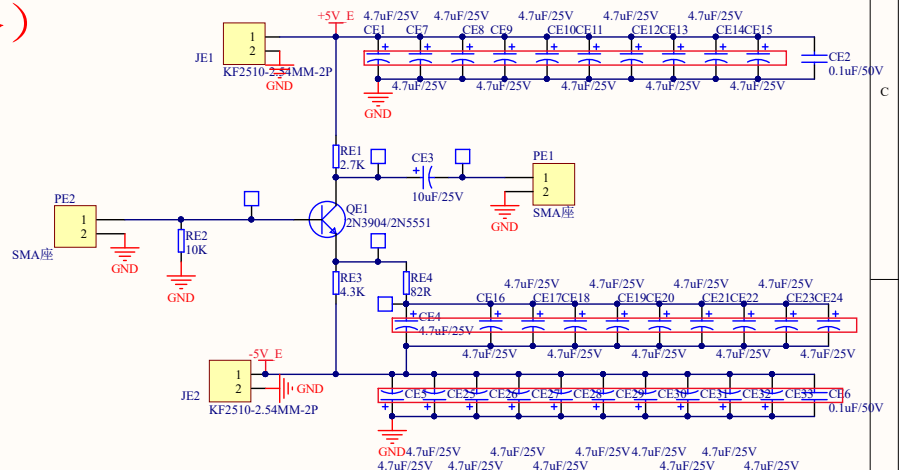


图2.32（低通滤波器电路）



备注：如果是正负电源供电，输入输出耦合电容正极朝内

图2.28(使用正负电源的电路)

Size	Number	Revision
A3		
Date:	2017-02-25	Sheet of
File:	D:\0实验板\晶体管电路设计\第1版\ch02\	

Designator	Comment	Description	Footprint	LibRef	Quantity
CA4, CA6, CA7, CB1, CB5, CB6, CE3, CF1, CF3, CF4, CG1, CG3, CG4, CG5, CH4, CH5, CI1, CJ3, CJ4	10uF/25V	TAN	LC-1206_C	CAP2	19
CA5, CB2, CE2, CE6, CF2, CG2, CH2, CJ1	0.1uF/50V		LC-0805_C	CAP	8
CE1, CE4, CE5, CE7, CE8, CE9, CE10, CE11, CE12, CE13, CE14, CE15, CE16, CE17, CE18, CE19, CE20, CE21, CE22, CE23, CE24, CE25, CE26, CE27, CE28, CE29, CE30, CE31, CE32, CE33, CF5, CF6, CF7, CF8, CF9, CF10, CF11, CF12, CF13, CF14, CH1, CH6, CH7, CH8, CH9, CH10, CH11, CH12, CH13, CH14, CJ2, CJ6, CJ7, CJ8, CJ9, CJ10, CJ11, CJ12, CJ13, CJ14	4.7uF/25V	TAN	LC-0805_C	CAP2	60
CH3	0.015uF/50V		LC-0603_C	CAP	1
CI2, CI7	1000pF/50V		LC-0805_C	CAP	2
CI3, CI4	10uF/25V NC	TAN	LC-1206_C	CAP2	2
CI5, CI6	1000P/50V		LC-0805_C	CAP	2
CJ5	0.033uF/50V		LC-0805_C	CAP	1
DF1	1N4148		LC-SOD-323	DIODE	1
JA1, JB1, JE1, JE2, JF1, JG1, JH1, JI1, JJ1	KF2510- 2.54MM-2P	Header, 2-Pin	KF2510 - 2P - 2.54mm	Header 2	9
PA3, PA4, PB3, PB4, PE1, PE2, PF1, PF2, PG1, PG2, PG3, PH1, PH2, PI1, PI2, PJ1, PJ2	SMA座	KF2510- 2.54MM-2P	ANTENNA - DUPLICATE	KF2510- 2.54MM-2P	17
QA1, QE1, QF1, QG2, QH1, QI2, QJ2	2N3904/2N55 51		S9013SMD/DI P	S9013SMD	7
QB2	2N3906/2N54 01		S9013SMD/DI P	MMBT3906	1
RA2, RB8, RE2, RF5, RH1, RH2	10K		LC-0805_R	Resistor	6
RA3, RB7, RJ2	100K		LC-0805_R	Resistor	3
RA4, RB5	22K		LC-0805_R	Resistor	2
RA5, RB3, RH4	2K		LC-0805_R	Resistor	3
RE1	2.7K		LC-0805_R	Resistor	1
RE3, RJ1, RJ4	4.3K		LC-0805_R	Resistor	3
RE4	82R		LC-0805_R	Resistor	1
RF1	6.2K		LC-0805_R	Resistor	1
RF2	62K		LC-0805_R	Resistor	1
RF3	20K		LC-0805_R	Resistor	1
RF4	3K		LC-0805_R	Resistor	1
RG1, RG4	5.1K		LC-0805_R	Resistor	2
RG2	91K		LC-0805_R	Resistor	1
RG3	56K		LC-0805_R	Resistor	1
RH3	27K		LC-0805_R	Resistor	1
RH5	120K		LC-0805_R	Resistor	1
RI1	200R		LC-0805_R	Resistor	1
RI2	3.3K		LC-0805_R	Resistor	1
RI3	1.5K		LC-0805_R	Resistor	1
RI4, RI5	100R		LC-0805_R	Resistor	2
RJ3	51K		LC-0805_R	Resistor	1
T1, T2, T3, T4, T5	TestPoint		TP - TEST-1	TestPoint	40