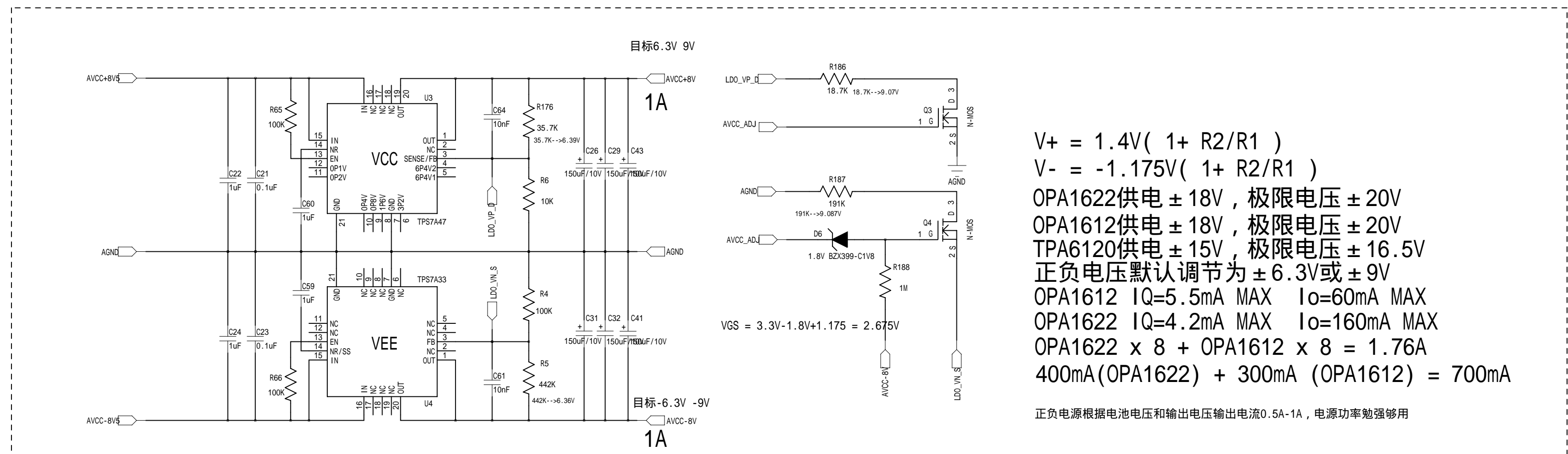
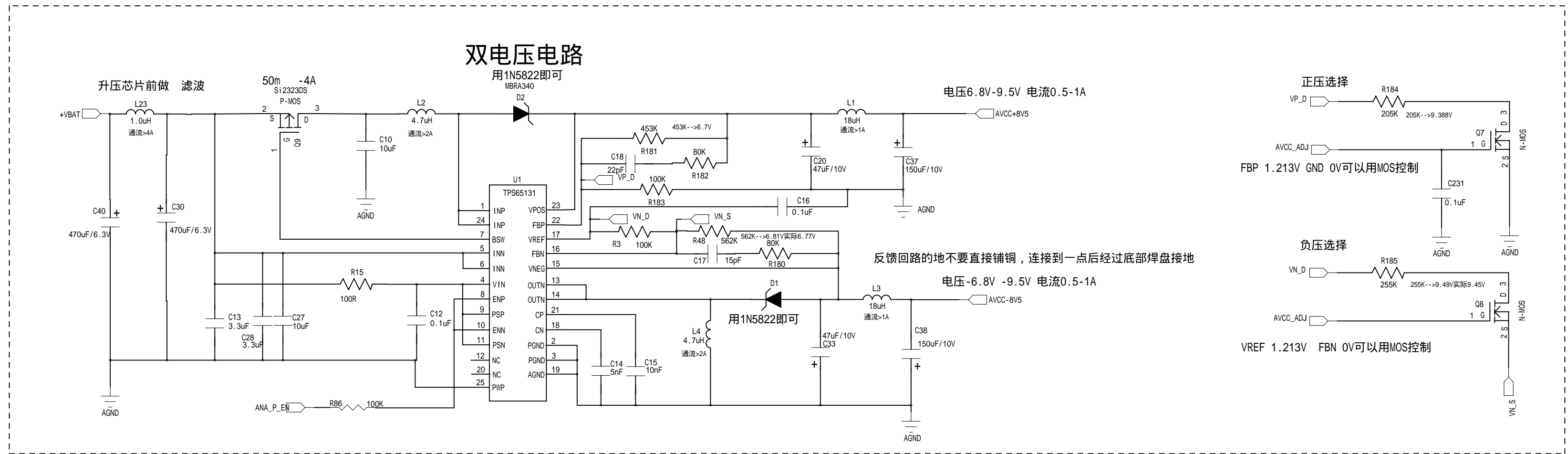


模拟供电

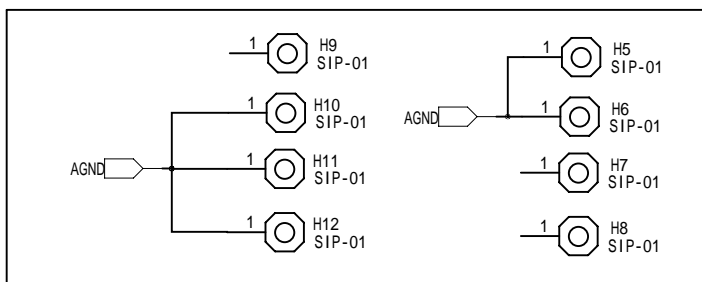
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



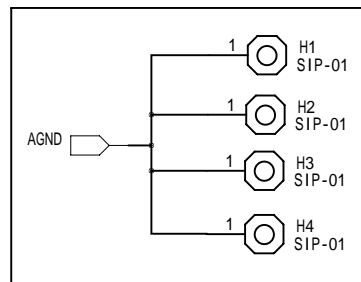
$V+ = 1.4V(1 + R2/R1)$
 $V- = -1.175V(1 + R2/R1)$
 OPA1622供电 ±18V, 极限电压 ±20V
 OPA1612供电 ±18V, 极限电压 ±20V
 TPA6120供电 ±15V, 极限电压 ±16.5V
 正负电压默认调节为 ±6.3V或 ±9V
 OPA1612 IQ=5.5mA MAX Io=60mA MAX
 OPA1622 IQ=4.2mA MAX Io=160mA MAX
 OPA1622 x 8 + OPA1612 x 8 = 1.76A
 400mA(OPA1622) + 300mA (OPA1612) = 700mA

正负电源根据电池电压和输出电压输出电流0.5A-1A, 电源功率勉强够用

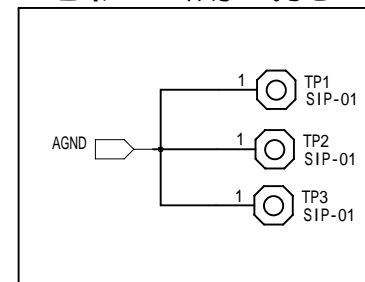
大屏蔽罩



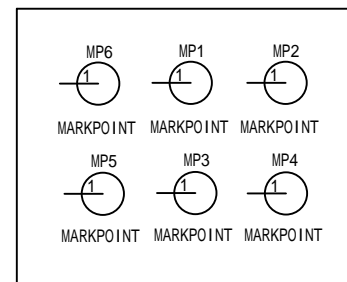
耳放屏蔽罩



地桩--测试孔



MARKPOINT



DRAWN:	LEE	DATED:	2020.9
CHECKED:	LEE	DATED:	2020.9
QUALITY CONTROL:	LEE	DATED:	2020.9
RELEASED:	LEE	DATED:	2020.9

COMPANY: SOUNDWARE			
TITLE: MR2_Analog			
CODE:	SIZE: C	DRAWING NO: 1	REV: 1
SCALE: <Scale>		SHEET: 2 OF 9	

6

5

4

3

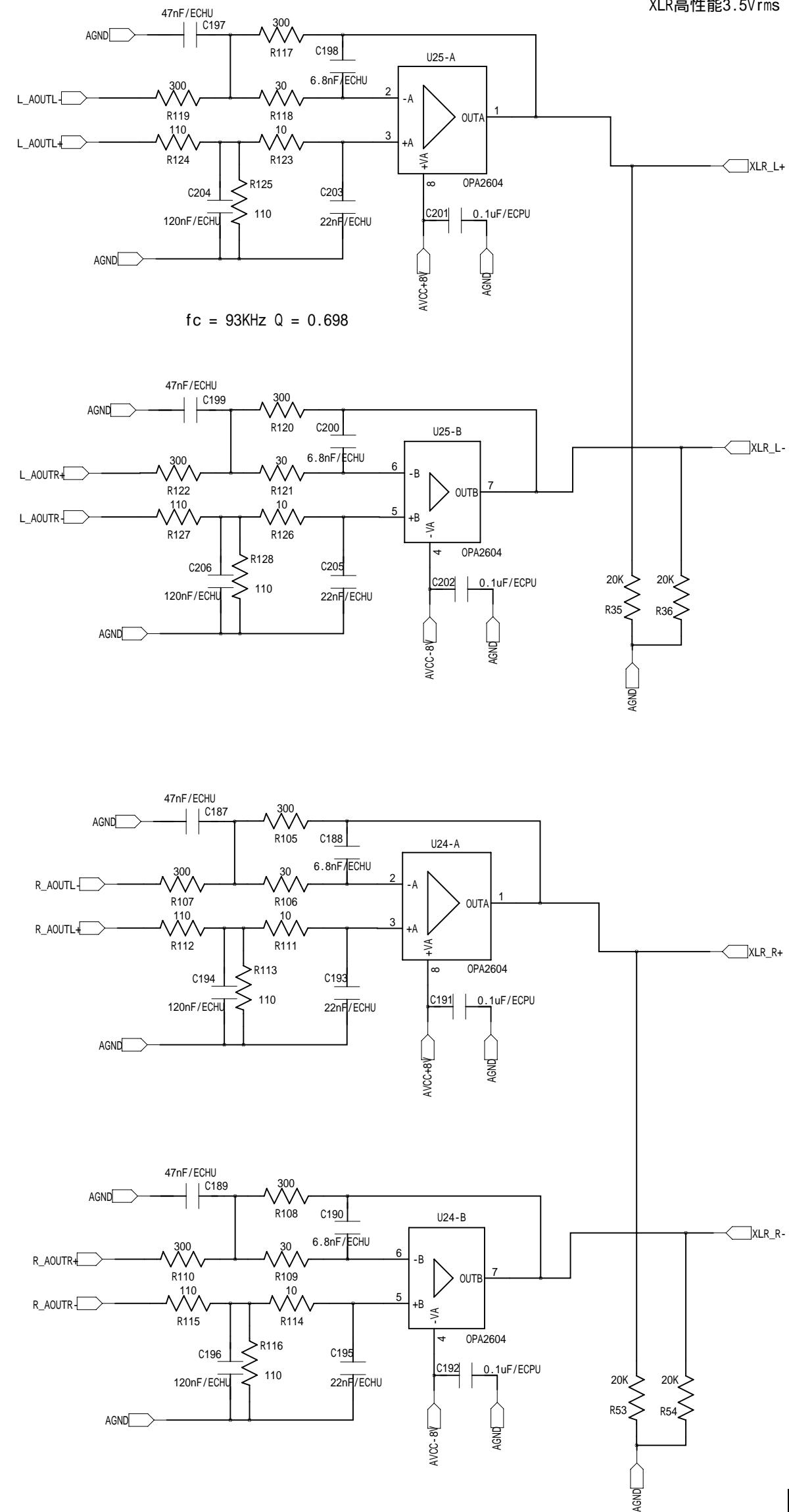
2

1

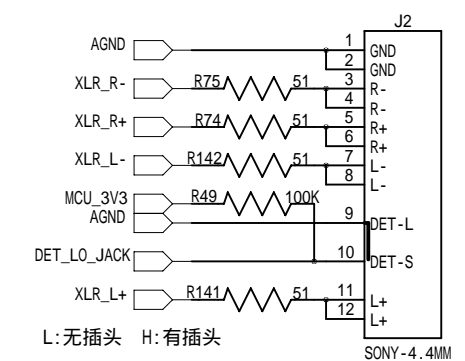
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

IN: $2.5V \cdot 0.66 = 1.65V$
 $3.75V \cdot 0.66 = 2.475V$

OUT: $1.65V_p = 1.167V_{rms}$
 $2.475V_p = 1.75V_{rms}$
 XLR低性能2.33Vrms
 XLR高性能3.5Vrms



$f_c = 93KHz$ $Q = 0.698$



COMPANY: SOUNDWARE			
TITLE: MR2_Analog			
CODE:	SIZE: C	DRAWING NO: 1	REV: 1
SCALE: <Scale>			SHEET: 6 OF 9

DRAWN: LEE	DATED: 2020.9
CHECKED: LEE	DATED: 2020.9
QUALITY CONTROL: LEE	DATED: 2020.9
RELEASED: LEE	DATED: 2020.9

D

C

B

A

D

C

B

A

6

5

4

3

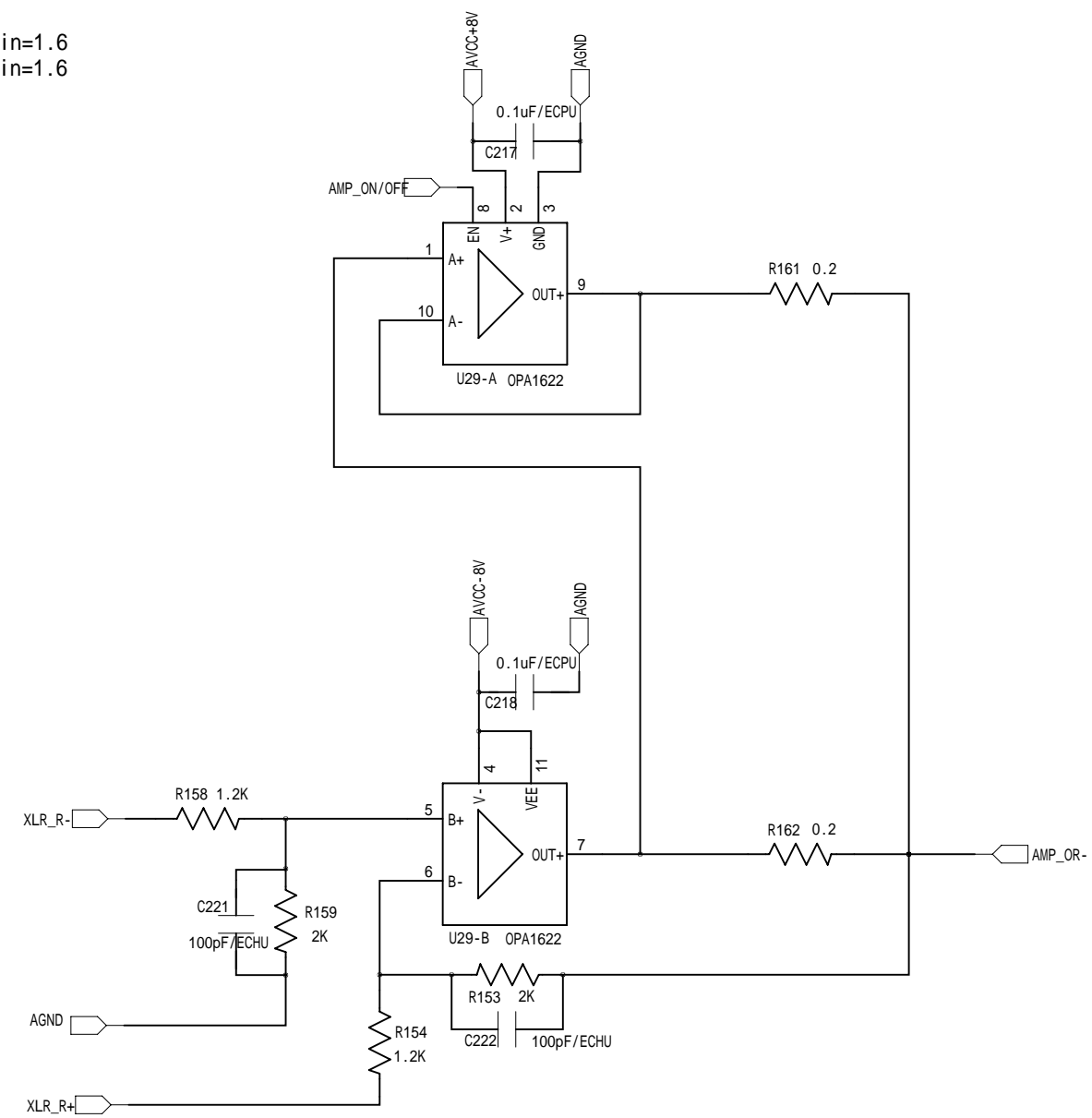
2

1

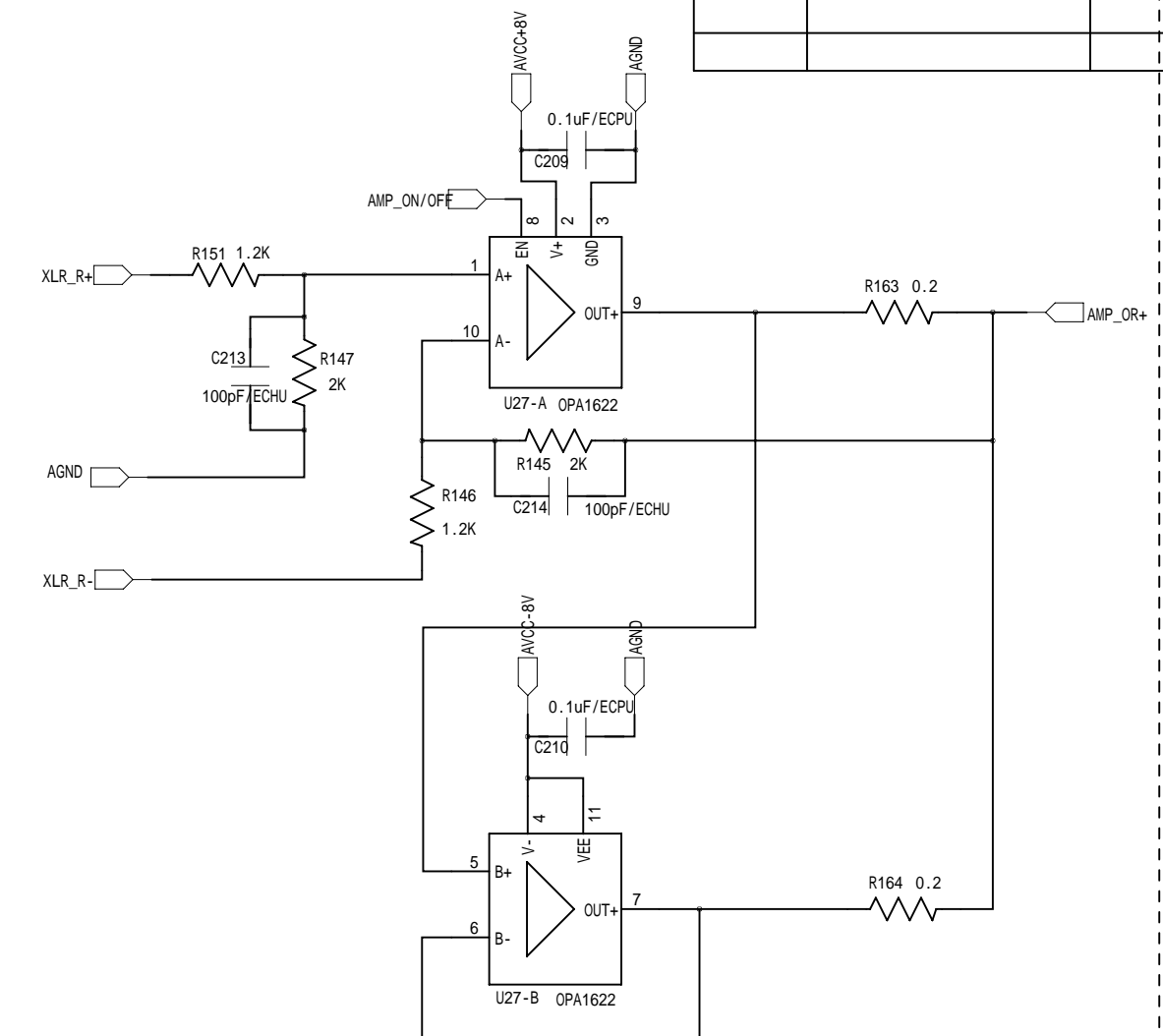
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

供电6.28V IN:3.3V OUT:5.28V Gain=1.6
 供电9V IN:4.95V OUT:8V Gain=1.6

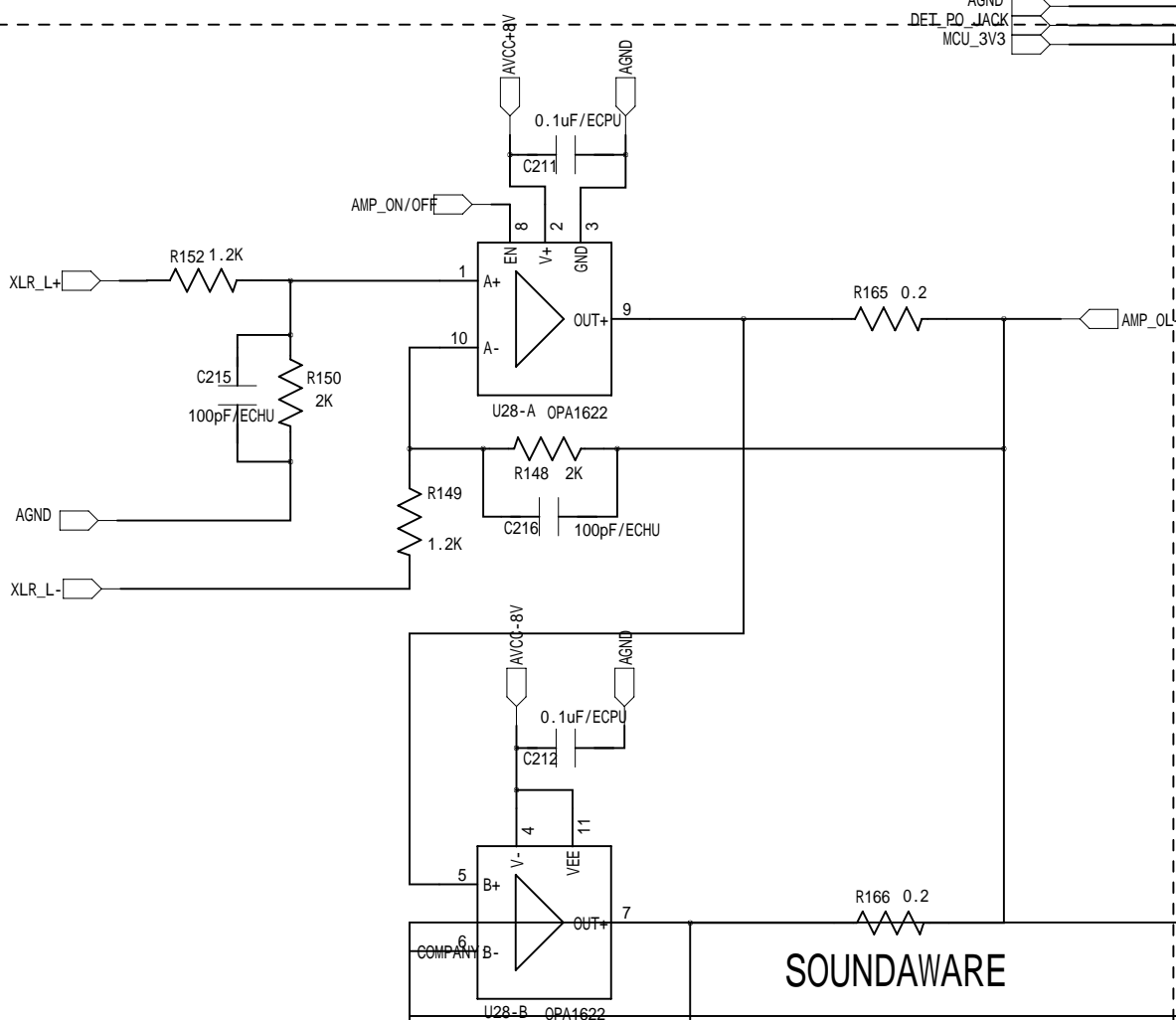
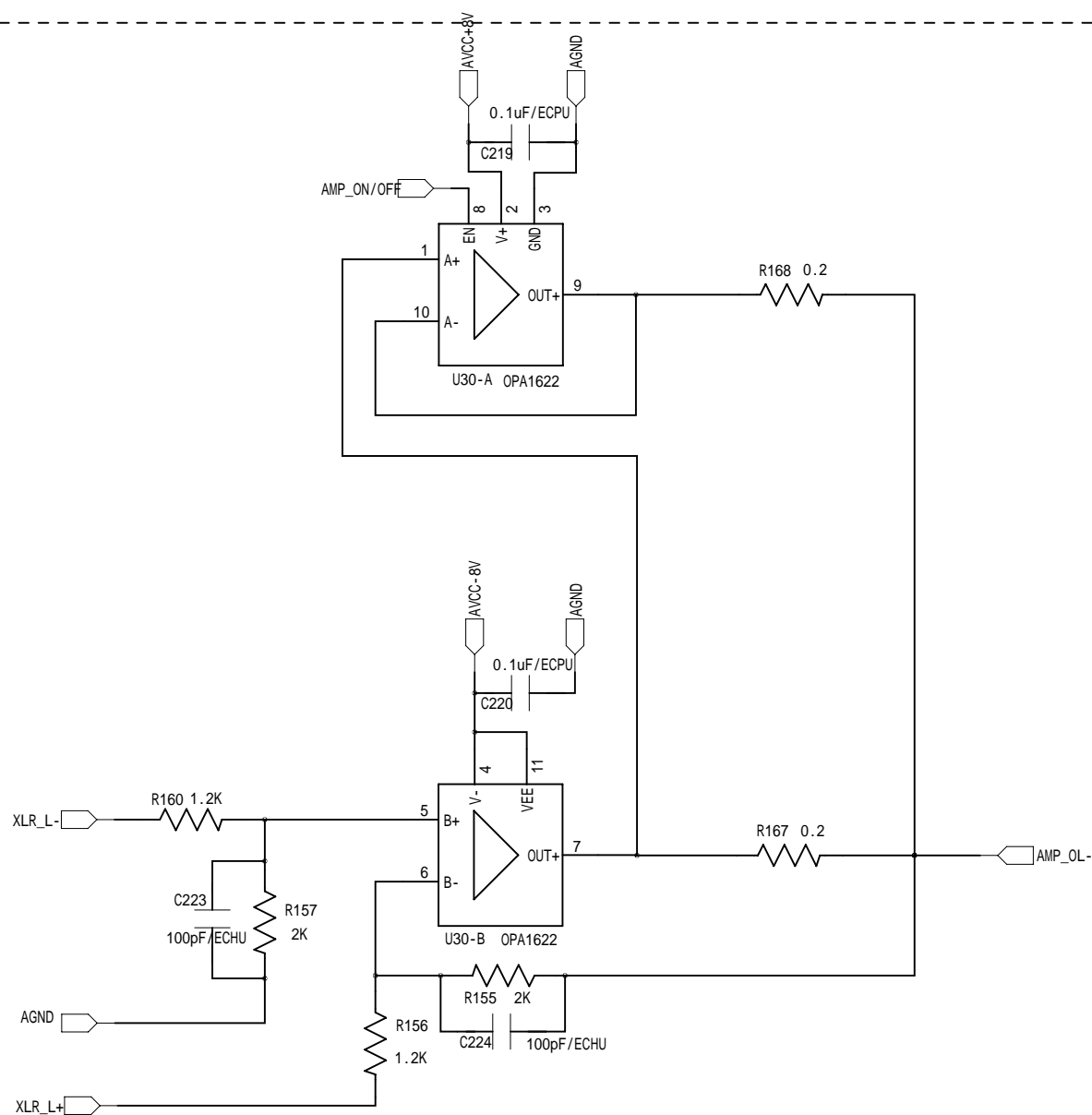
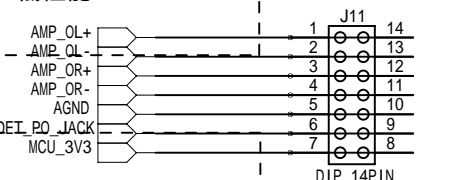
增益设置为1.6倍



5.5V供电等下负载约665欧姆
 8V供电等下负载约400欧姆



高性能:11.2Vrms
 低性能:7.4Vrms



SOUNDWARE

MR2_Analog

DRAWN:	LEE	DATED:	2020.9	CODE:	SIZE:	DRAWING NO:	REV:
CHECKED:	LEE	DATED:	2020.9	<Code>	C	1	1
QUALITY CONTROL:	LEE	DATED:	2020.9	SCALE:	<Scale>	SHEET: 7 OF 9	
RELEASED:	LEE	DATED:	2020.9				