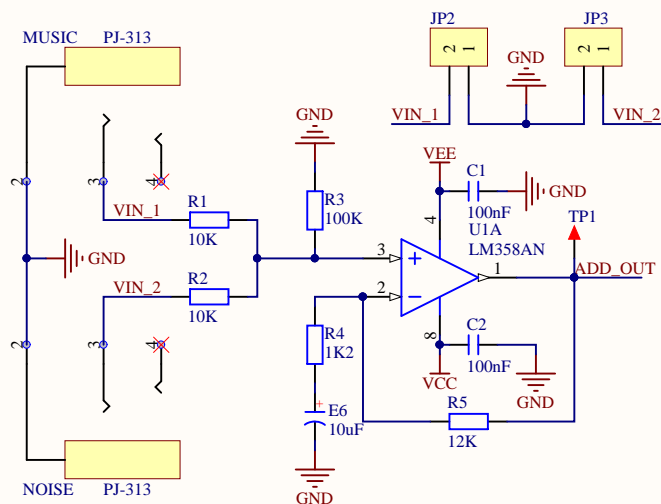


1

2

3

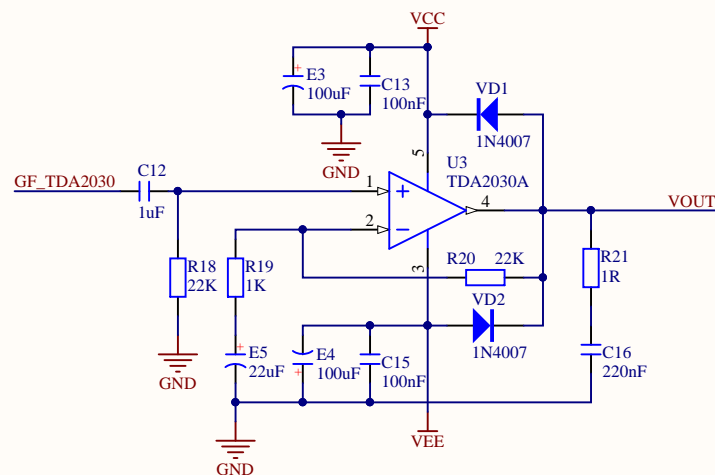
4



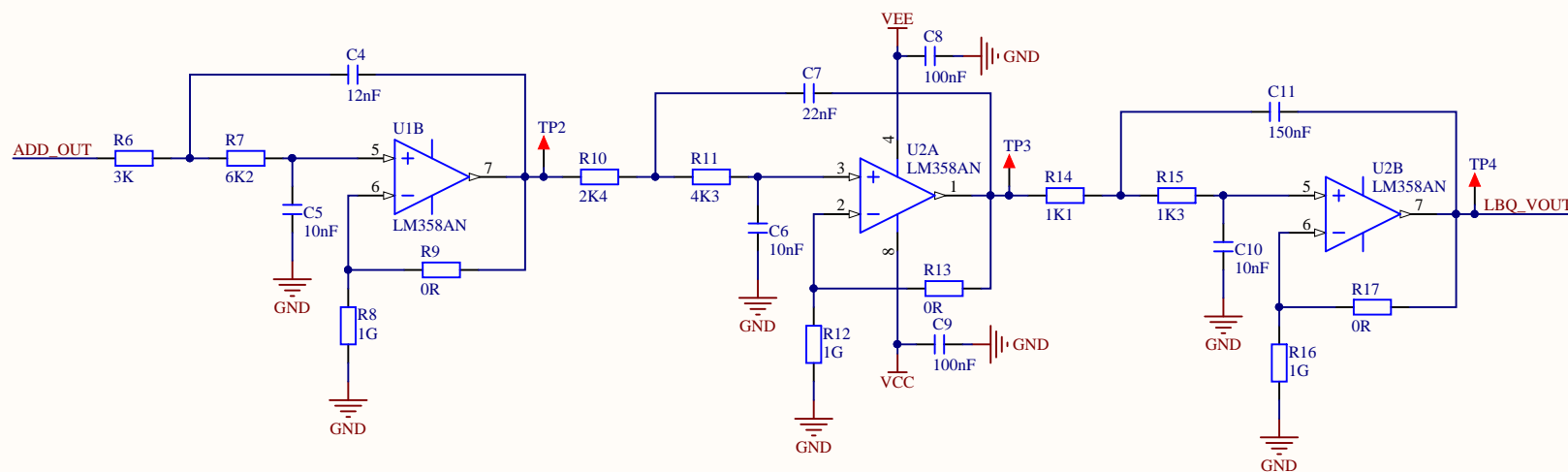
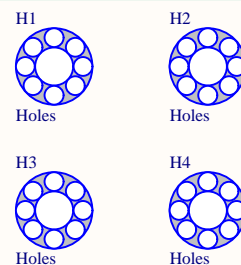
加法器电路

	ADD_OUT
1	GF_TDA2030
2	LBQ_VOUT
3	

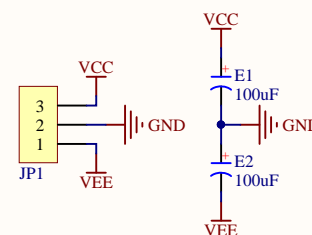
JP4



TDA2030 音频功率放大电路



3.4KHz截止频率 6阶低通滤波器



双电源

Title

Size

A4

Number

Date:

2020/5/18

File:

D:\1硬件项目\Signal Synthesis And Decomposition Project_V2.0.SchDoc

Revision

Sheet

of

1

1

2

3

4

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	无极性贴片电容	C1, C2, C8, C9, C13, C15	C 0805	C	6
12nF	无极性贴片电容	C4	C 0805	C	1
10nF	无极性贴片电容	C5, C6, C10	C 0805	C	3
22nF	无极性贴片电容	C7	C 0805	C	1
150nF	无极性贴片电容	C11	C 0805	C	1
1uF	无极性贴片电容	C12	C 0805	C	1
220nF	无极性贴片电容	C16	C 0805	C	1
100uF	直插电解电容	E1, E2, E3, E4	CAP 3.5*8*11.5 - BK	C-CAP	4
22uF	直插电解电容	E5	CAP 2.0*5*11 - BK	C-CAP	1
10uF	直插电解电容	E6	CAP 2.0*5*11 - BK	C-CAP	1
Holes	holes in the corner of the bord	H1, H2, H3, H4	定位孔 Φ3 1	Holes	4
HDR-1X3	3P接插件	JP1	KF301-3P	Header 3	1
HDR-1X2	2P接插件	JP2, JP3, JP5	KF301-2P	Header 2	3
HDR-1X3	3P接插件	JP4	HDR-1X3	Header 3	1
PJ-313		MUSIC, NOISE	PJ-313-SMD	PJ-313	2
10K	贴片电阻	R1, R2	R 0805	R	2
100K	贴片电阻	R3	R 0805	R	1
1K2	贴片电阻	R4	R 0805	R	1
12K	贴片电阻	R5	R 0805	R	1
3K	贴片电阻	R6	R 0805	R	1
6K2	贴片电阻	R7	R 0805	R	1
1G	贴片电阻	R8, R12, R16	R 0805	R	3
0R	贴片电阻	R9, R13, R17	R 0805	R	3
2K4	贴片电阻	R10	R 0805	R	1
4K3	贴片电阻	R11	R 0805	R	1
1K1	贴片电阻	R14	R 0805	R	1
1K3	贴片电阻	R15	R 0805	R	1
22K	贴片电阻	R18, R20	R 0805	R	2
1K	贴片电阻	R19	R 0805	R	1
1R	贴片电阻	R21	R 0805	R	1
TEST TP	测试环	TP1, TP2, TP3, TP4	HDR-1X1	TEST TP	4
LM358AN	Low-Power Dual Operational Amplifier	U1, U2	SC_SOIC8	LM358AN	2
TDA2030A		U3	TDA2030A	TDA2030A	1
1N4007	整流二极管	VD1, VD2	SMA(DO-214AC)_S1	1N4007	2