OSHW LOGO

+15V
-15V
GND
FERRITE+
FERRITE-
1N5817
D4
D5
IDC_2X5_Acodado
POWER_IN

CUTOFF_AG$1
R1212NPADS_GRANDES
CV_IN_CUTOFF_1
WQP-PJ301BM
C103 1nF poliester
R111 100k
R133 100k
R105 100k
R151 47k
R121 10k
R129 10k
IC101B TL074P
IC101C TL074P
TO_CV_CUTOFF_1
+6V<-->-6V
CUTOFF_INIT_A
100k

CUTOFF_ATT_AG$1
R107 43k
R115 100k
R109 100k
R125 10k
IC101A TL074P
CV_IN_CUTOFF_ATT_1
R113 100k

Q1 2SC1623
Q10 2N3906
Q8 2N3819
R5 470k
R18 10k
R27 820 Ohm
3.8V
-30mV<-->30mV
R7 47k
R23 680 Ohm
Q3 2SC1623
Q4 2SC1623
R53 10k
C5 3.3nF poliester
R3 220 Ohm
R33 15k
R39 220 Ohm
C10 1nF poliester
R2 10k
R4 47 Ohm
R8 10k
R1 47 Ohm
R54 470 Ohm
C11 220pF
lo_pass_in_1
hi_pass_in_1

IC1A NE5532
D2 1N4148-2
D6 1N4148-2
R19 270k
C7 10uF
R11 4.7k
C13 33uF audio
R43 4.7k
R45 82k
C19 220pF
IC1B NE5532
R65 7.5k
R66 3k
R30 33k
2N3906 T1
R15 910k
-15V
R18 10k
IC3OTA1 LM13700N
R48 27k
R64 3k
C23 220pF
CV_RES_1
TO_CV_RES_1
D1 1N4148-2
IC101D TL074P
R47 9.6k
C22 1nF poliester
R127 10k
R123 100k
RES_CV_IN_1
res_cv_1
R1212NPADS_GRANDES
RES_INIT_AG$1

TO_OUT_1_TO_LINK_&_PEAK
OUT_1_TO_LINK_&_PEAK
out_1
T101 2N3906
R119 15k
R118 10k
LED1 Peak
AUDIO_OUT_1
R101 1k

SV1
TO_CV_CUTOFF_1
V+
TO_CV_RES_1
GND
SV2
CV_CUTOFF_1
CV_CUTOFF_2
CV_RES_1
CV_RES_2
SV3
HI_PASS_SEL_1
LO_PASS_SEL_1
SV4
HI_PASS_SEL_2
LO_PASS_SEL_2
SV5
HI_PASS_IN_1
LO_PASS_IN_1
OUT_1_TO_LINK_&_PEAK
SV6
HI_PASS_IN_2
LO_PASS_IN_2
OUT_2_TO_PEAK

CUTOFF_BG$1
R1212NPADS_GRANDES
CV_IN_CUTOFF_2
R132 100k
R104 100k
R110 100k
C102 1nF poliester
R120 10k
R128 10k
IC100C TL074P
IC100B TL074P
CV_CUTOFF_2
TO_CV_CUTOFF_2
R130 47k
CUTOFF_INIT_B
100k

CUTOFF_ATT_BG$1
R1212NPADS_GRANDES
CV_IN_CUTOFF_ATT_2
R106 43k
R114 100k
R108 100k
R124 10k
IC100D TL074P
R112 100k

Q2 2SC1623
Q9 2N3906
Q7 2N3819
R6 470k
R17 10k
R28 820 Ohm
R22 680 Ohm
Q5 2SC1623
Q6 2SC1623
R24 10k
R16 47k
C6 3.3nF poliester
R26 220 Ohm
R35 15k
R31 220 Ohm
C9 1nF poliester
R42 10k
R40 47 Ohm
R9 10k
R2 47 Ohm
R44 470 Ohm
C12 220pF
lo_pass_in_1
hi_pass_in_1

IC2B NE5532
D3 1N4148-2
D5 1N4148-2
R29 270k
C8 10uF
R11 4.7k
C14 33uF audio
R44 4.7k
R46 82k
C20 220pF
IC2A NE5532
R38 7.5k
R37 3k
R29 33k
2N3906 T2
R16 910k
-15V
R14 10k
IC3OTA2 LM13700N
R50 27k
R52 3k
C26 220pF
CV_RES_2
TO_CV_RES_2
C25 1nF poliester
R49 9.6k
res=max sine= 10mV-p-->
res=max square= 0.28V-p-->
D7 1N4148-2
IC100A TL074P
R125 10k
R121 10k
RES_CV_IN_2
res_cv_1
R1212NPADS_GRANDES
RES_INIT_BG$1

out_1
T100 2N3906
R116 15k
R117 10k
LED2 Peak
AUDIO_OUT_2
R100 1k

AUDIO_IN_1
VOL_IN_1G$1
R1212NPADS_GRANDES
LO-HI_SELECT_1
LO_PASS_SEL_1
HI_PASS_SEL_1
LO_PASS_IN_1
HI_PASS_IN_1

AUDIO_IN_2
VOL_IN_2G$1
R1212NPADS_GRANDES
LO-HI_SELECT_2
LO_PASS_SEL_2
HI_PASS_SEL_2
LO_PASS_IN_2
HI_PASS_IN_2