

# PANSON AUDIO LABS

## Initial Power Amplifier

### LME498xx Driver Board rev 1.31 Component List

<b>Part</b>	<b>Value</b>	<b>Misc.</b>
C1	390pF	WIMA FKC-3
C2	0.1uF	BC MKP
C3	0.1uF	BC MKP
C4	DNP	
C5	15pF	CDM silver mica
C501	DNP	
C6	390uF, 63V	United Chemi-Con
C7	390uF, 63V	United Chemi-Con
C8	0.1 uF	BC MKP
C15	100uF, 50V	United Chemi-Con
C19	330uF, 50V	
D11	5V zener	
D12	1N4148	
LED1	LED	
Q1	MJE340 or equivalent	App Note 101
R1	20k	1%, 0.25W metal film
R2	2k	1%, 0.25W metal film
R3	33k	1%, 0.25W metal film
R4	470Ω	1%, 0.25W metal film
R5	240Ω	1%, 0.25W metal film
R6	500Ω, trim pot	1%, 0.25W metal film
R7	5k6	1%, 0.25W metal film
R8	22k	1%, 0.25W metal film
R9	optional	App Note 101
R10	optional	App Note 101
R11	1K*	1%, 0.25W metal film
R12	1K*	1%, 0.25W metal film

SV1 male 90 deg. 10x2 pin header (2.54 mm pitch)  
SV2 male 90 deg. 5x2 pin header (2.54 mm pitch)  
SV3 male 90 deg. 5x2 pin header (2.54 mm pitch)  
U1 LME498xx  
X4 Connector  
H1 Heat sink for LME498xx

see schematic

DNP  
\*

Do not populate  
DNP for LME49811