

PANSON AUDIO LABS

Initial Power Amplifier

LME49830 Driver Board rev 1.32 Component List

Part	Value	Misc.
C1	470 pF	EPCOS MKP
C2	0.1 uF	WIMA MPK10
C3	0.1 uF	WIMA MPK10
C4	0.1 uF	WIMA MPK10
C5	12/15 pF	CDM silver mica
C501	DNP	
C6	390uF, 63V	UCC LXZ series
C7	390uF, 63V	UCC LXZ series
C8	470 uF, 16 V	UCC KZJ series
C15	470 uF, 16 V	UCC KZJ series
C19	330uF, 25V	ELAN SILMIC II
D11	5V zener	Vishay
D12	1N4148	Fairchild
LED1	LED	
Q1	MJE340 or equivalent	App Note 101
R1	33 k	1%, 0.25W metal film
R2	1 k	1%, 0.25W metal film
R3	33k	1%, 0.25W metal film
R4	470 Ω	1%, 0.25W metal film
R5	240 Ω	1%, 0.25W metal film
R6	500 Ω , trim pot	multi-turn
R7	5k6	1%, 0.25W metal film
R8	2,4 k	1%, 0.25W metal film
R9	optional	App Note 101
R10	optional	App Note 101
R11	1 k	1%, 0.25W metal film
R12	1 k	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	LME49810
X4	Connector
H1	Heat sink for LME49810

DNP

Do not populate