

PANSON AUDIO LABS

Initial Power Amplifier

LME49810 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