

PANSON AUDIO LABS

Reservoir Two High-Performance Audio Power Supply

Component List

SCH rev 1.1 and PCB rev 1.1

Designator	Value	Misc
C1	10 nF	Film, X2 type
C2	10 nF	Film, X2 type
C3	1000uF	
C4	1000uF	
C5	1000uF	
C6	1000uF	
C7	1000uF	
C8	1000uF	
C9	1000uF	
C10	1000uF	
C11	1000uF	
C12	1000uF	C3 - C22 can be any electrolytic cap with 7.5 mm lead spacing and diameter <= 16 mm
C13	1000uF	
C14	1000uF	
C15	1000uF	
C16	1000uF	
C17	1000uF	
C18	1000uF	
C19	1000uF	
C20	1000uF	
C21	1000uF	
C22	1000uF	
C23	10000uF	
C24	10000uF	C23 - C26 can be any electrolytic cap with 10 mm lead spacing and diameter <= 38 mm
C25	10000uF	
C26	10000uF	
C27	0.1 uF	Film cap
C28	0.1 uF	Film cap
D1	MUR860	
D2	MUR860	
D3	MUR860	
D4	MUR860	D1 - D8 can be any TO-220AC rectifier diodes
D5	MUR860	
D6	MUR860	
D7	MUR860	
D8	MUR860	
D9	30EPFX	
D10	30EPFX	
D11	30EPFX	
D12	30EPFX	
D13	30EPFX	D9 - D16 can be any TO-247AC rectifier diodes
D14	30EPFX	
D15	30EPFX	
D16	30EPFX	
LED1	LED	Positive rail power indicator
F1	FUSE	Secondary fuse
F2	FUSE	Secondary fuse
F3	FUSE	Secondary fuse
F4	FUSE	Secondary fuse
F5	FUSE	Positive rail fuse
F6	FUSE	Negative rail fuse
LED2	LED	Negative rail power indicator
R1	6k8	Bleeder resistor
R2	6k8	Bleeder resistor
R3	6k8	Current limit for LED1
R4	6k8	Current limit for LED2