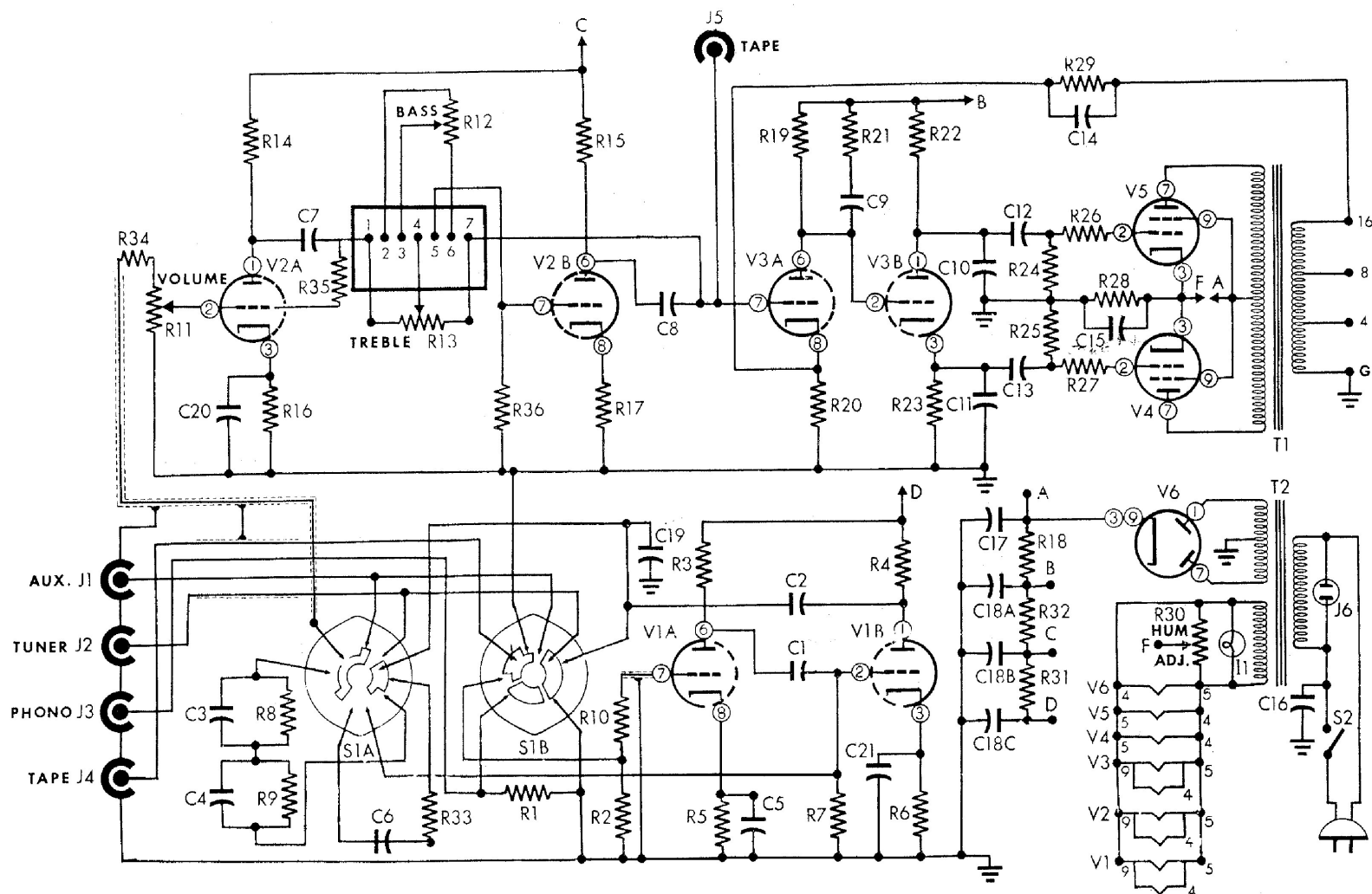




14 WATT INTEGRATED HIGH FIDELITY AMPLIFIER MODEL HF 12A



Sym. Description

C1	cap., .25mfd
C2	cap., .025mfd
C3	cap., 3000mmf, 10%
C4	cap., 850mmf, 10%
C5	cap., .25mfd - 6V
C6	cap., 850mmf, 10%
C7	cap., .25mfd - 400V
C8	cap., .1mfd - 400V
C9	cap., 150mmf, 10%
C10	cap., 200mmf, 10%
C11	cap., 200mmf, 10%
C12	cap., .025mfd

Sym. Description

C13	cap., .025mfd
C14	cap., .47mmf, 10%
C15	cap., 50mfd - 25V
C16	cap., .03mfd - 600V
C17	cap., 30mfd - 400V
C18	cap., 20-40-40mfd - 400-350-350
C19	cap., 2200mmf, 10%
C20	cap., 6800mmf, 10%
C21	cap., 10mfd - 6V
J1	jack, aux. input
J2	jack, tuner input
J3	jack, phono input

Sym. Description

J4	jack, tape input
J5	jack, tape output
J6	convenience outlet
I1	bulb, #47
R1	res., 100K Ω , 1/2W, $\pm$ 10%
R2	res., 470K Ω , 1/2W, $\pm$ 10%
R3	res., 200K Ω , 1/2W, $\pm$ 5%
R4	res., 200K Ω , 1/2W, $\pm$ 5%
R5	res., 2.2K Ω , 1/2W, $\pm$ 10%
R6	res., 4.7K Ω , 1/2W, $\pm$ 10%
R7	res., 1M Ω , 1/2W, $\pm$ 10%
R8	res., 1M Ω , 1/2W, $\pm$ 10%

Sym. Description

R9	res., 90K Ω , 1/2W, $\pm$ 5%
R10	res., 10K Ω , 1/2W, $\pm$ 10%
R11	pot., 500K Ω , audio (volume)
R12	pot., 1M Ω , linear (bass)
R13	pot., 500K Ω , linear (treble)
R14	res., 33K Ω , 1/2W, $\pm$ 10%
R15	res., 100K Ω , 1/2W, $\pm$ 10%
R16	res., 1.2K Ω , 1/2W, $\pm$ 10%
R17	res., 3.3K Ω , 1/2W, $\pm$ 10%
R18	res., 10K Ω , 1W, $\pm$ 10%
R19	res., 470K Ω , 1/2W, $\pm$ 10%
R20	res., 1.8K Ω , 1/2W, $\pm$ 5%

Sym. Description

R21	res., 10K Ω , 1/2W, $\pm$ 10%
R22	res., 100K Ω , 1/2W, $\pm$ 5%
R23	res., 100K Ω , 1/2W, $\pm$ 5%
R24	res., 330K Ω , 1/2W, $\pm$ 10%
R25	res., 330K Ω , 1/2W, $\pm$ 10%
R26	res., 10K Ω , 1/2W, $\pm$ 10%
R27	res., 10K Ω , 1/2W, $\pm$ 10%
R28	res., 165 Ω , 5W, $\pm$ 5%
R29	res., 22K Ω , 1/2W, $\pm$ 5%
R30	pot., 100 Ω , (hum adjust)
R31	res., 68K Ω , 1/2W, $\pm$ 10%
R32	res., 33K Ω , 1/2W, $\pm$ 10%

Sym. Description

R33	res., 68K Ω , 1/2W, $\pm$ 5%
R34	res., 56K Ω , 1/2W, $\pm$ 10%
R35	res., 270K Ω , 1/2W, $\pm$ 10%
R36	res., 470K Ω , 1/2W, $\pm$ 10%
S1	switch, selector
S2	switch, on-off, part of R13
V1	tube, 12AX7
V2	tube, 12AX7
V3	tube, EL84
V4	tube, EL84
V5	tube, EL84
V6	tube, EZ81