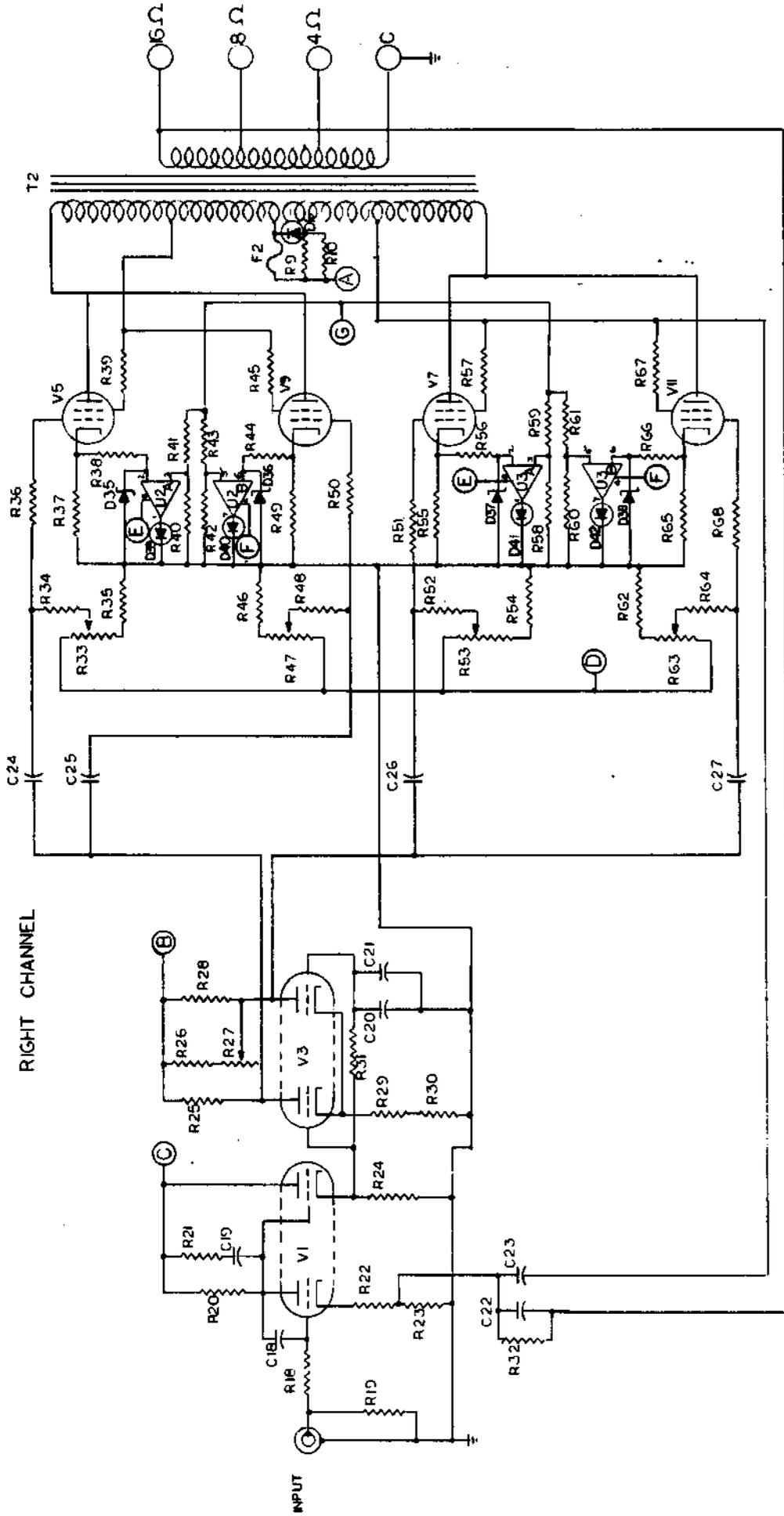


RIGHT CHANNEL



CONRAD JOHNSON DESIGN INC 1474 PATHEIDER LANE MCLEAN VA	
DATE	11/13
REVISION LEVEL	
DRAWN BY	GC
PROJECT	MV100
DRAWING NO	

MV100 PARTS LIST (Note: All resistors 1/2 watt unless otherwise designated)

component	value/rating	component	value/rating
R1-4	100k/2w	C22,23	150pf PS
R5	560k/2w	C24-27	.15ufd,630v CJD
R6	330	C28	not used
R7	1.8k/2w	C29	.15ufd,200v CJD
R8	3.3k/2w	C30	2ufd,200v CJD
R9-12	270k/2w	C31	1ufd,100v CJD
R13	5.11k/RN65	C32,36	.15ufd,400v CJD
R14	4.75k	C33	.01,600v CJD
R15	1 meg	C34	1ufd,400v PP
R16	221k	C35	.15ufd,630v CJD
R17	10k/1/2w	C37,38	.15ufd,630v CJD
R18	1k	C39,40	2.0ufd,630v PP
R19	100k	D1	VK1048 30A,1000v rectifier
R20	162k/RN65	D2-4	not used
R21	150k/RN65	D5,6	LED
R22	750	D7,8,33,34	IN4148
R23	90.0	D9-12,26,29,	IN4007
R24	82.5k/RN65	31,32	
R25	20k/RL42	D13-25	IN5257(33v zener)
R26	100k	D27	IN5254(27v zener)
R27	500k var.	D28	IN5251(22v zener)
R28	24k/RL42	D30	3N253 rectifier
R29,30	10k/RL42	D35-38	IN5234(6.2v zener)
R31	1 meg	D39-43	LED
R32	5.11k/RN65	D44	IN4148
R33,47,53,63	10k var.	D45	IN4148
R34,48,52,64	221k	D46-57	IN5257
R35,46,54,62	18.2k	Q1	MPSU60
R36,50,51,68	1k	Q2	MPSU10
R37,49,55,65	20/5w	Q3	MJE340
R38,44,56,66	1.2 meg	Q4	MPSU60
R39,45,57,67	20/5w	Q5	MPSU10
R40,42,58,60	1 meg/1/2w	Q6	MPSU60
R41,43,59,61	560/1/2w	Q7	MJE350
R62	680Ω	Q8	MJE340
R63	560k/2w	U1	MC7806(+6v regulator)
R64	330Ω	U2,3	LF353(dual op-amp)
C1	.047ufd/1000v	T1	C126-131
C2-5	1300ufd/350v elect.	T2	C126-130A
C6,7	1ufd/630v PP	CH1,2	.32HY,600MA DC choke
C8,9	1ufd/400v PP	F1	10A s.b.,3AG(120v)
C10,11	50ufd/150v elect.		7A s.b.,3AG(230v)
C12	2.0ufd/200v PP	F2,3	KTK2(2A,600v)
C13	.47,100v CJD	V1,2	5751
C14	6000ufd/16v elect.	V3,4	6FQ7/6CG7
C15	50ufd/150v elect.	V5-12	6CA7/EL34
C16,17	220ufd/10v elect.		
C18	10pf sm		
C19	47pf PS		PP=Polypropylene
C20	.47,400v PP		PS=Polystyrene
C21	.15,400v CJD		