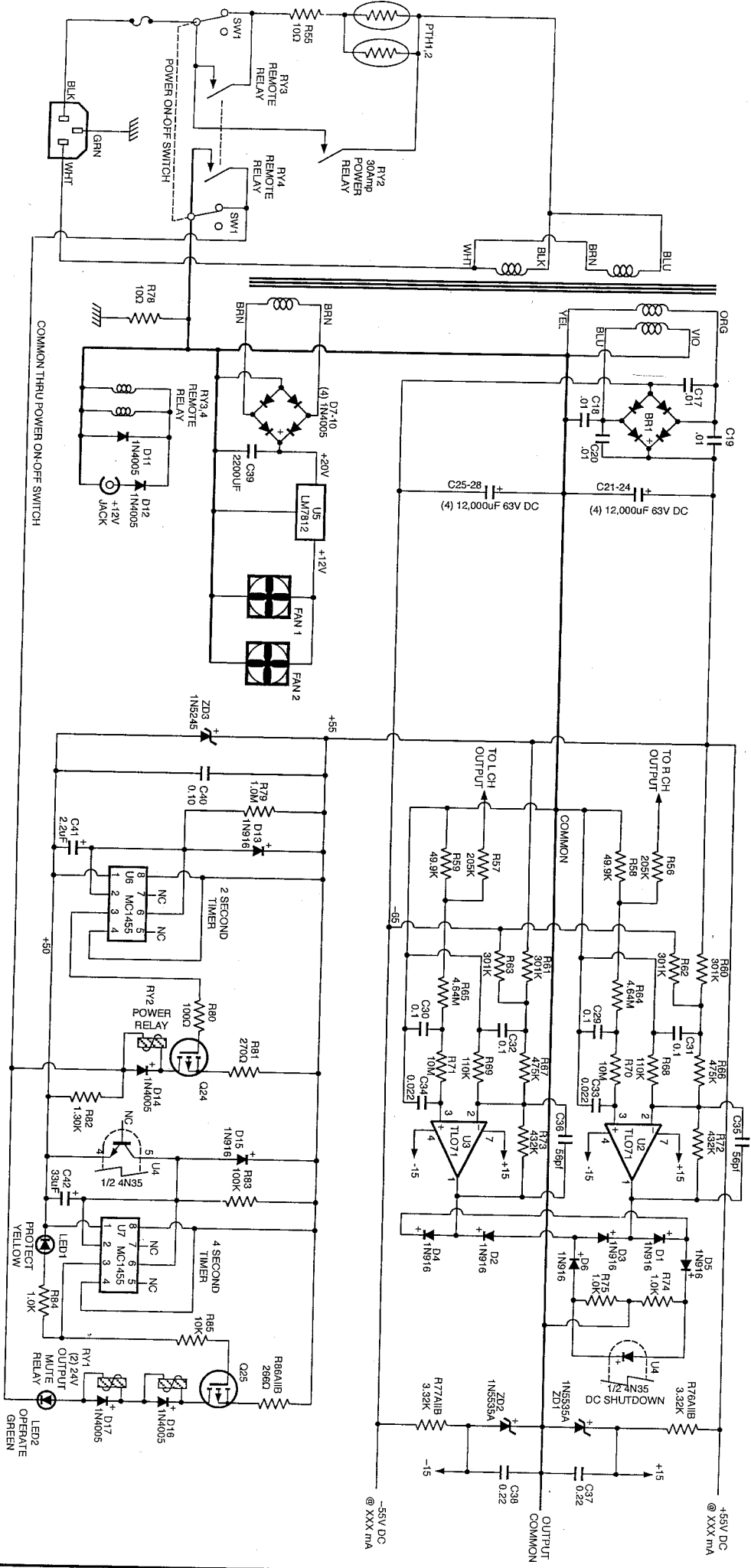


(+) & (-) DENOTE
RELATIVE PHASE

PROPRIETARY NOTICE
THIS DRAWING CONTAINS PATENTED AND/OR OTHER CIRCUITRY CONSIDERED PROPRIETARY BY AUDIO RESEARCH CORPORATION and is furnished on a CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES. NO LICENSE FOR USE IS HEREBY GRANTED.

AUDIO RESEARCH CORPORATION
3900 ANNAPOLIS LANE NORTH
PLYMOUTH, MN 55447-5447
TEL: 763-577-9700
FAX: 763-577-0323



PROPRIETARY NOTICE
THIS DRAWING CONTAINS PATENTED AND/OR OTHER CIRCUITRY CONSIDERED PROPRIETARY BY AUDIO RESEARCH CORPORATION and is furnished on a CONFIDENTIAL BASIS FOR IDENTIFICATION PURPOSES. NO LICENSE FOR USE IS HEREBY GRANTED.

AUDIO RESEARCH CORPORATION
3900 ANNAPOLIS LANE NORTH
PLYMOUTH, MN 55447-5447
TEL: 763-577-9700
FAX: 763-577-0323

PARTS LIST

As of MAR 20 07

PRODUCT: SD135

NOTES:

Schematic Symbol	Quantity	ARC Part #	Description
BR BRIDGE RECTIFIER			
BR1	1	30501930	BRIDGE RECTIFIER, 36MB20A
C CAPACITORS			
C1,2	4	53270101	CAP., 27pf \pm 1pf 630V PNP
C3,35,36	4	53560103	CAP., 56pf \pm 2.5% 630V PPN
C4,5,14A,14B	8	53100410	CAP., .01uf \pm 10% 400V
C6,7,10,11,15,16,37,38	14	53220507	CAP., .22uf \pm 10% 160V
C8,9	4	50220701	CAP., 22uf 100V
C12	2	53100507	CAP., 0.1uf \pm 10% 630V
C13	2	53200603	CAP., 2uf \pm 10% 250V
C17-20	4	53100407	CAP., .01uf \pm 20% 250V
C21-28	8	50121003	CAP, 12,000uf 63V
C29,30,31,32,40	5	53100505	(SS)CAP., 0.1uf \pm 10% 63V
C33,34	2	53220402	CAP., .022uf \pm 10% 63V
C39	1	50220903	CAP., 2200uf 35V ELECTROLYTIC
C41	1	51220601	CAP., 2.2uf 25V \pm 20% DIP TANT.
C42	1	51330702	CAP., 33uf 16V \pm 10%
D DIODES			
D1-6,13,15	8	30500910	1N916B
D7-12,14,16,17	9	30500400	IN4005
FAN FANS			
FAN1,2	2	64000600	NEXUS FAN
LED LEDS			
LED1	1	34300400	L.E.D., YELLOW SPOT LN422YP
LED2	1	34300330	L.E.D., GREEN SPOT L-13GD
PTH POSISTERS			
PTH1,2	2	47000600	POSISTOR, 15 Ω PTH
Q TRANSISTORS			
Q1A,1B,1C,3A,3B,3C	12	30009100	FET, 2SK46
Q2A,2B,2C,4A,4B,4C	12	30009200	FET, 2SJ103
Q5,8,9,13,14,16	12	30010007	TRANSISTOR, VIOLET
Q6,7,10,12,15,17	12	30010107	TRANSISTOR, VIOLET
Q11	2	30011041	FET, GREEN-YELLOW-BROWN
Q18,20,22	6	30013000	(TM)TRANSISTOR NJL1302D
Q19,21,23	6	30014000	(TM)TRANSISTOR, NJL3281D
Q24,25	2	30007029	FET, GRAY WHITE

PARTS LIST

As of MAR 20 07

PRODUCT: SD135

NOTES:

Schematic Symbol	Quantity	ARC Part #	Description
R RESISTORS			
R1,2,31,32	8	42100314	RES., 1K Ω MK-5 1% 50PPM
R3,4	4	42150503	RES., 150K Ω MK-3 1% 50PPM
R5,6,19-22,87	14	42150203	RES., 150 Ω MK-3 1% 50PPM
R7,8,17,18	8	42150303	RES., 1.50K Ω MK-3 1% 50PPM
R9A,16A,27,28	8	42182303	RES., 1.82K Ω MK-3 1% 50PPM
R9B,16B	4	42402303	RES., 4.02K Ω MK-3 1% 50PPM
R10,11	4	42215403	(SS)RES.,21.5K Ω MK-3 1% 50PPM
R12,13	4	42750503	RES., 750K Ω MK-3 1% 50PPM
R14,15,33,34,74,75,86B,84	12	42100303	RES., 1K Ω MK-3 1% 50PPM
R23A,24A,43A,43B,42A,42B,80	13	42100202	RES., 100 Ω MK-2 1% 50 PPM
R23B,24B	4	42357203	RES., 357 Ω MK-3 1% 50PPM
R25A,25B	4	42100414	RES., 10K Ω MK-5 1% 50PPM
R26	2	42200303	RES., 2K Ω MK-3 1% 50PPM
R29,30,79	5	42100603	RES., 1 MEG MK-3 1% 50PPM
R35,36	4	42100212	RES., 100 Ω MK-2 .1% 15PPM
R37,86A	3	42121303	RES., 1.21K Ω MK-3 1% 50PPM
R38A,39B	4	42499203	RES., 499 Ω MK-3 1% 50PPM
R38B,39B	4	42619203	RES., 619 Ω MK-3 1% 50PPM
R40,41	4	42750103	RES., 75 Ω MK-3 1% 50PPM
R44-49	12	43200005	(TM)RES.,0.2 Ω 3W \pm 5% MP
R50	2	43300001	RES., 3 Ω 6.5W \pm 5% W.W.
R51	2	42274103	RES., 27.4 Ω MK-3 1% 50PPM
R52,53,64,65	6	42464603	(SS)RES.4.64 MEG.MK-3 1% 50PPM
R54,78	2	42100103	RES., 10 Ω MK-3 1% 50PPM
R55	1	43100100	RES., 10 Ω 10W 5% W.W.
R56,57	2	42205503	RES., 205K Ω MK-3 1% 50PPM
R58,59	2	42499403	RES., 49.9K Ω MK-3 1% 50PPM
R60-63	4	42301503	RES., 301K Ω MK-3 1% 50PPM
R66-67	2	42475503	RES., 475K Ω MK-3 1% 50PPM
R68,69	2	42110503	RES., 110K Ω MK3 1% 50PPM
R70,71	2	42100702	RES., 10 MEG MK-2 1% 50PPM
R72,73	2	42432503	RES., 432K Ω MK-3 1% 50PPM
R76A,76B,77A,77B	4	42665303	RES., 6.65K Ω MK-3 1% 50PPM
R81	1	43270201	RES., 270 Ω 2-3W \pm 1% W.W.
R82	1	43130300	RES., 1.3K Ω 4W \pm 5% W.W.
R83	1	42100503	RES., 100K Ω MK-3 1% 50PPM
R85	1	42100403	RES., 10K Ω MK-3 1% 50PPM
RY RELAYS			
RY1	2	64101300	RELAY, 24V 10A PC MNT.
RY2	1	64101500	RELAY, 24V
RY3	1	64102000	RELAY, 12V 14A
RY4	1	64101810	RELAY,AROMAT TXD2-12V
SW SWITCHES			
SW1	1	24102300	SWITCH, ROCKER

PARTS LIST

As of MAR 20 07

PRODUCT: SD135

NOTES:

Schematic Symbol	Quantity	ARC Part #	Description
			T TRANSFORMERS
T1	1	60022914	XFR.,POWER SD135
			U INTEGRATED CIRCUITS
U1,2,3	4	31001900	FET J INPUT OP-AMP TLO71CP
U4	1	34400400	PHOTO COUPLER, 4N35
U5	1	31002900	REGULATOR, VOLTAGE +12V.
U6,7	2	31000801	TIMER, MC1455P1
			ZD ZENER DIODES
ZD1,2	2	30504210	DIODE, ZENER IN5535A (KNOX)
ZD3	1	30501800	DIODE, ZENER IN5245B