

CIR-206v0597

FOR TP & DL 1202/1802

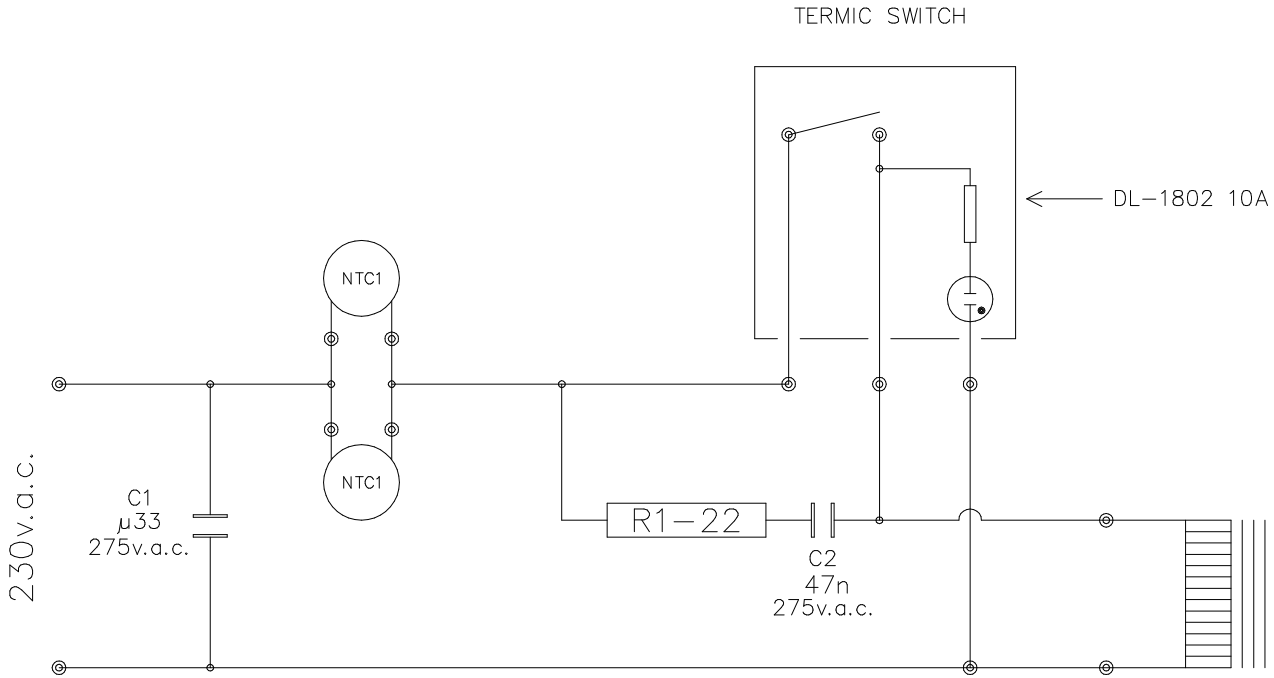
SWITCH MODULE

COMPONENTS LOCATION

MASTER audio design

CIR-206v0597-A03	DATE- 5-97
	MODIFY- 10-97

AMATE ELECTROACUSTICA S.L.



NTC-N15SP005

CIR-206v0597
FOR TP, DL 1202/1802

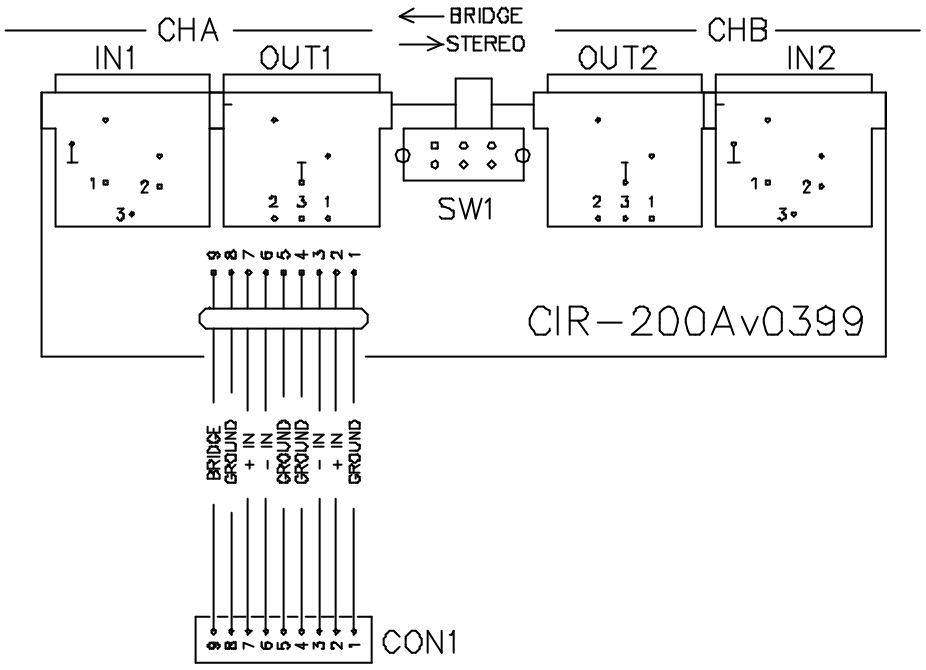
SWITCH MODULE

SCHEMATIC DIAGRAM

MASTER audio design

CIR-206v0597-A03	DATE- 5-97
	MODIFY- 10-97

AMATE ELECTROACUSTICA S.L.



TO CIR-202 (DL-1802)

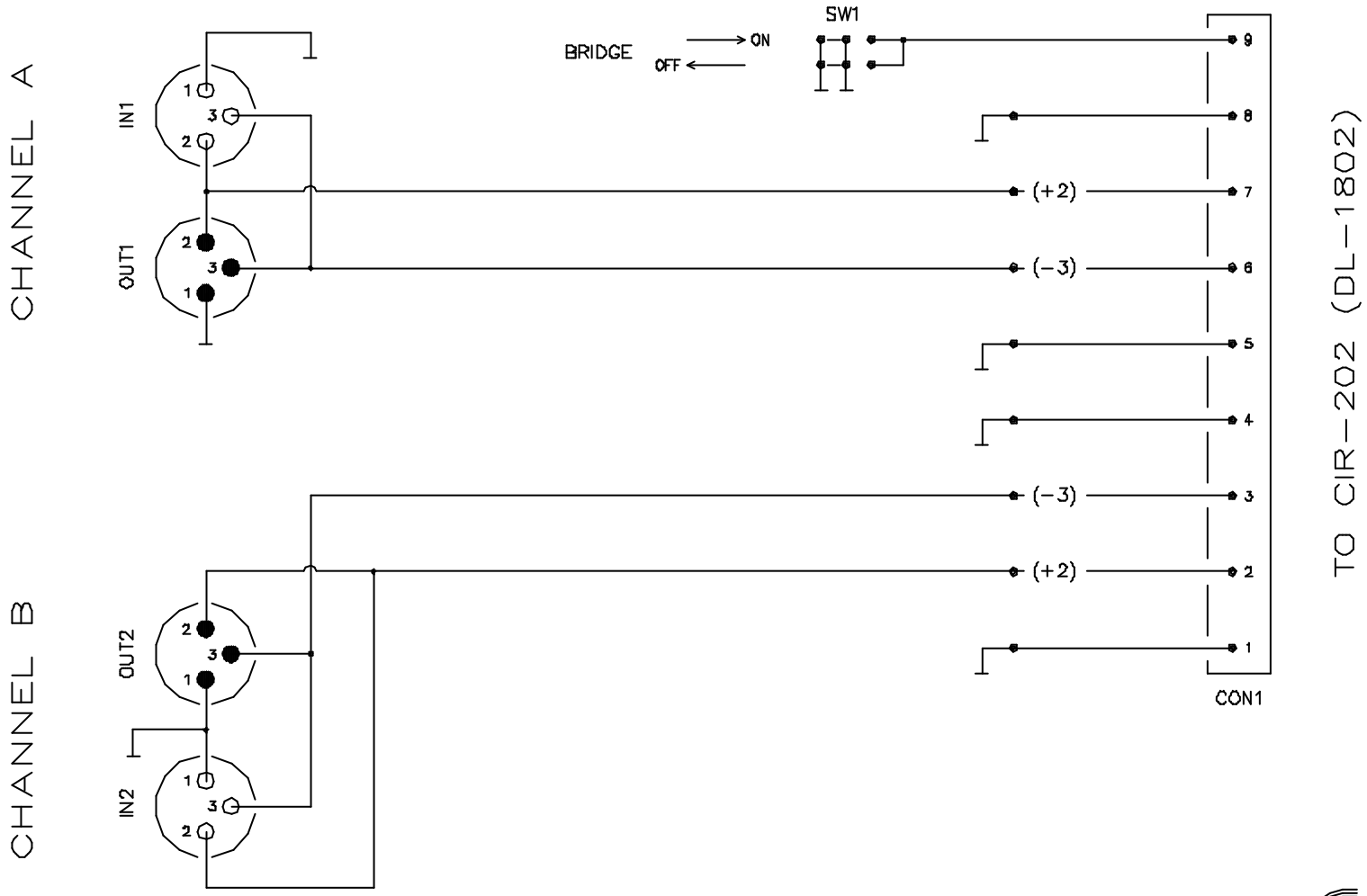
CIR-200Av0399 FOR DL-1802

SIGNAL INPUT MODULE
COMPONENTS LOCATION

MASTER audio design

CIR-200Av0399-A00	DATE- 3-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-200Av0399 FOR DL-1802

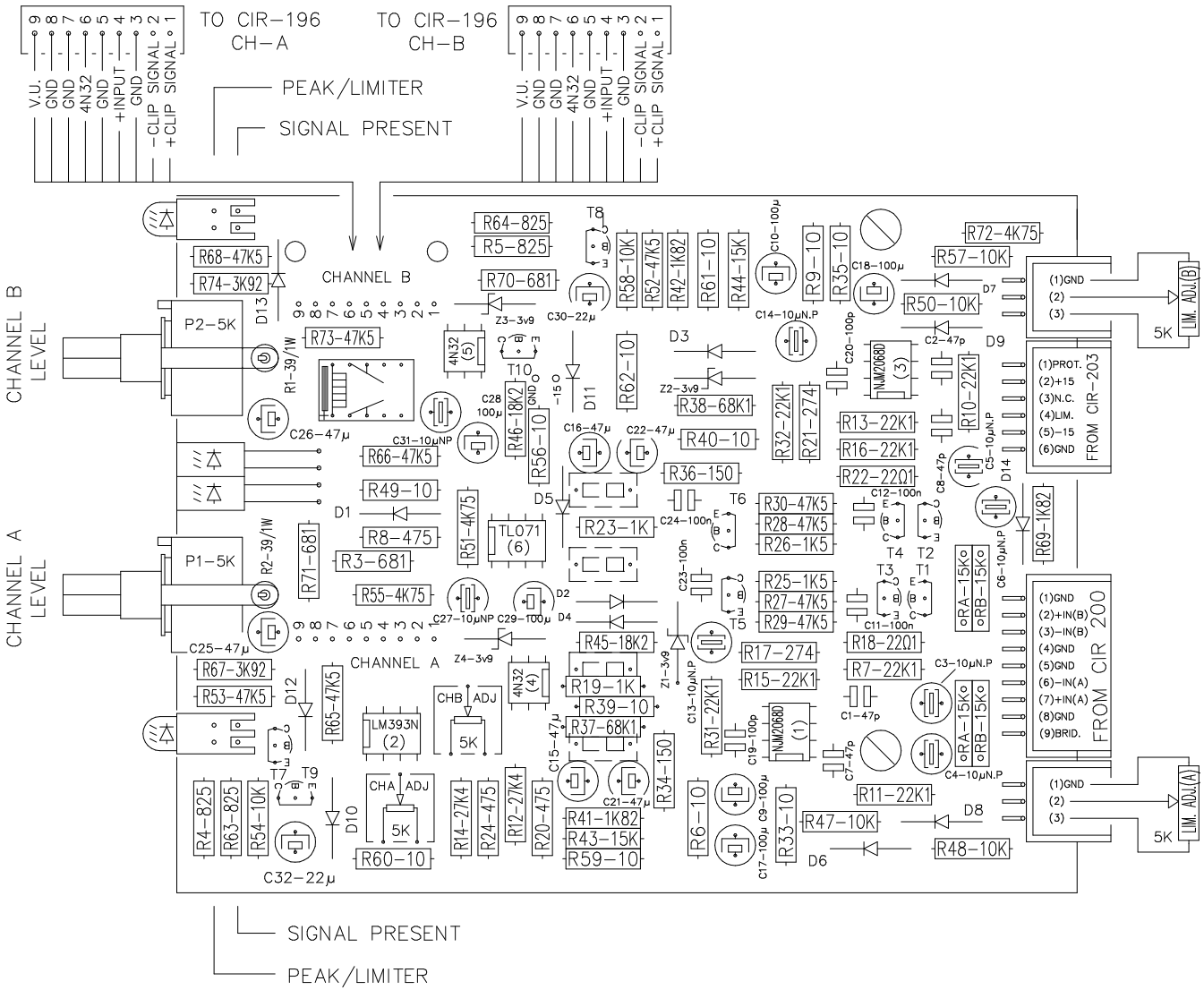
SIGNAL INPUT MODULE
SCHEMATIC DIAGRAM

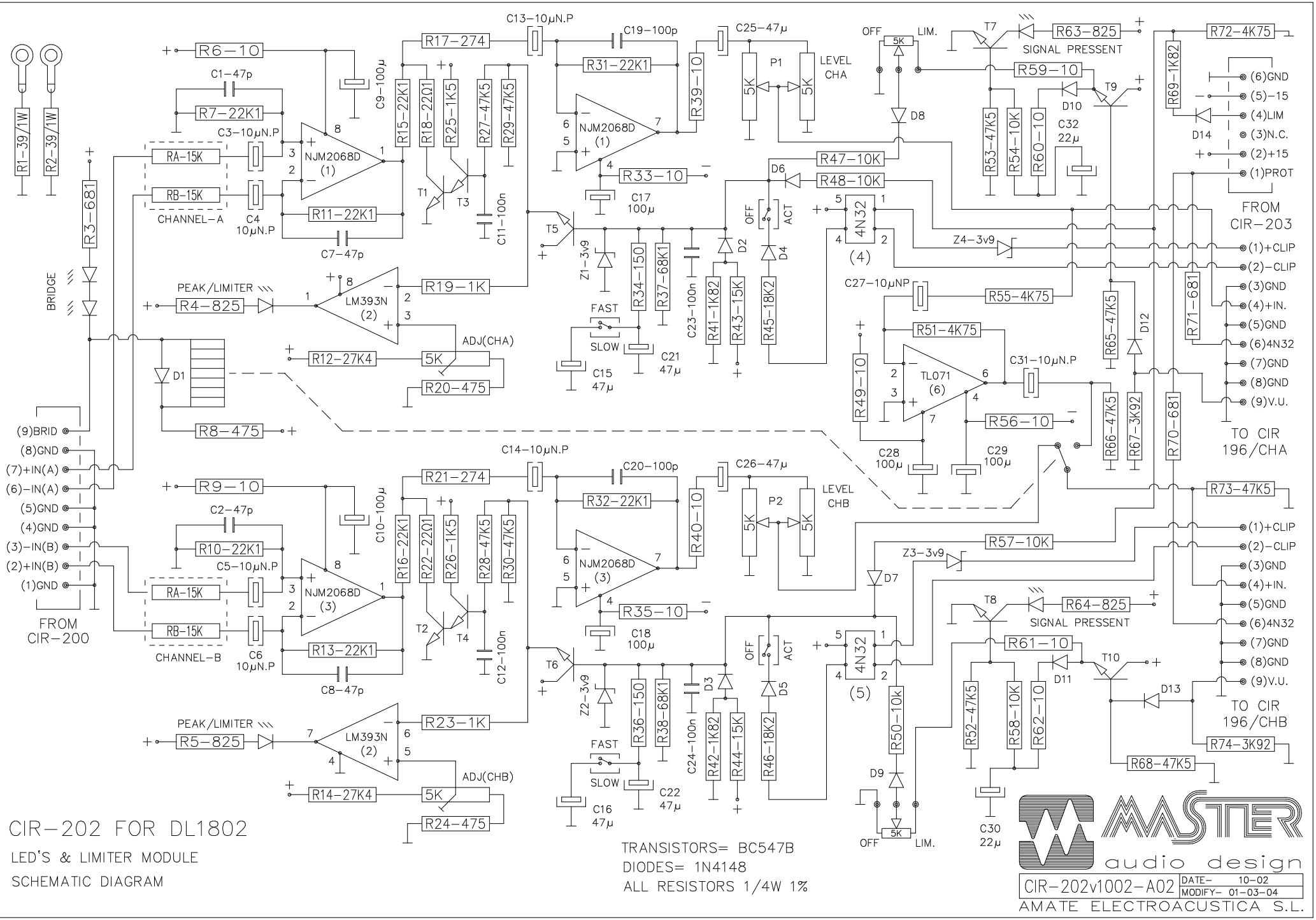
MASTER audio design

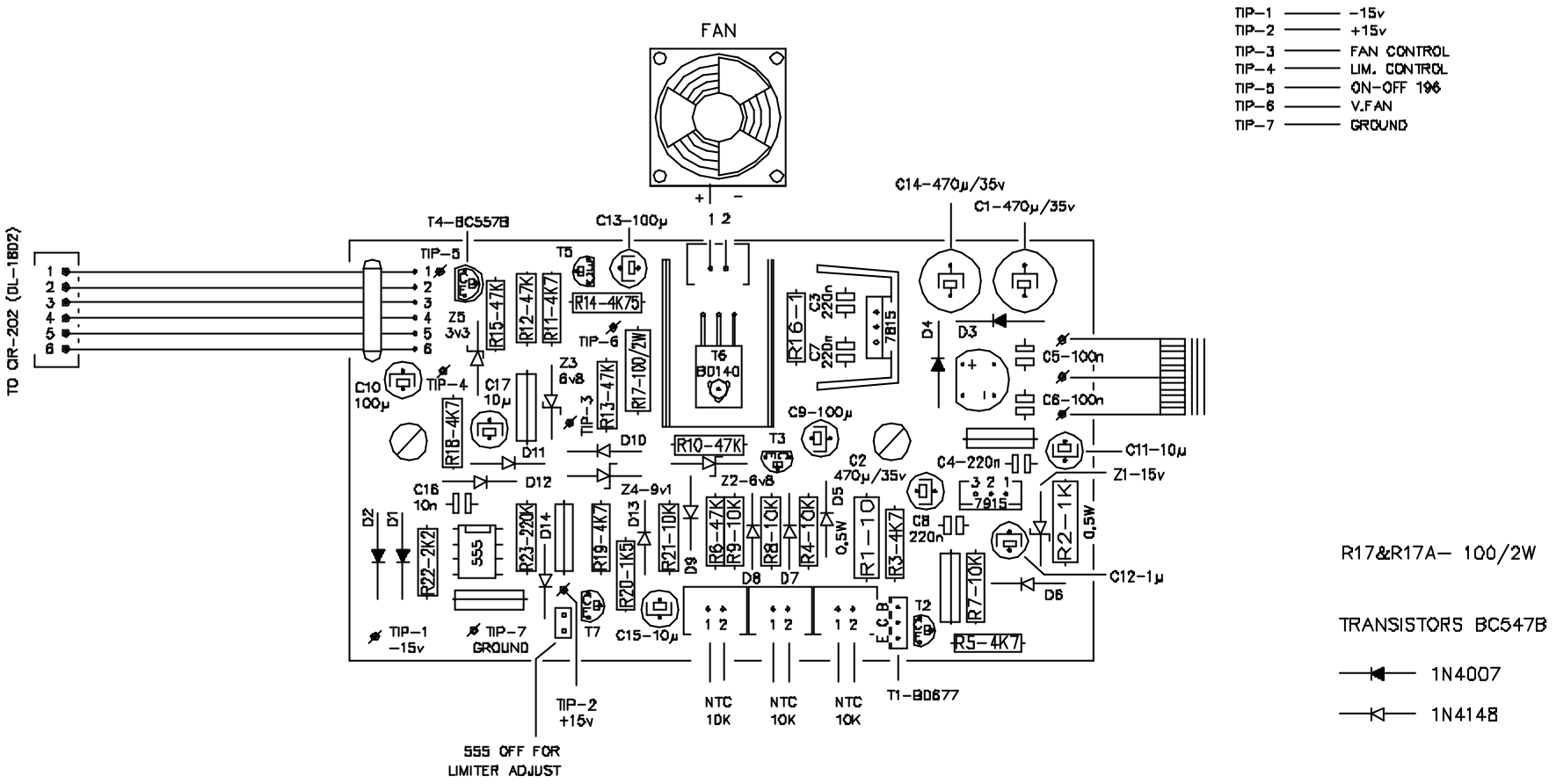
CIR-200Av0399-A00	DATE- 3-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.

(CIR220Av0399-ADD) (LAYER-1) SUBJECT TO CHANGE WITHOUT NOTICE


TO CIR-196 CH-A
TO CIR-196 CH-B
V.U.
GND
GND
4N32
GND
+INPUT
GND
-CLIP SIGNAL
+CLIP SIGNAL
PEAK/LIMITER
SIGNAL PRESENT
CHANNEL B
CHANNEL A
CHANNEL B LEVEL
CHANNEL A LEVEL
P2-5K
P1-5K
R1-39/1W
R2-39/1W
R73-47K5
R68-47K5
R74-3K92
R64-825
R5-825
R70-681
R71-681
R66-47K5
R49-10
R8-475
R3-681
R55-4K75
R67-3K92
R53-47K5
R65-47K5
R4-825
R63-825
R54-10K
R60-10
R58-10K
R52-47K5
R42-1K82
R61-10
R44-15K
R9-10
R35-10
R72-4K75
R57-10K
R50-10K
R62-10
R38-68K1
R40-10
R36-150
R32-22K1
R21-274
R13-22K1
R16-22K1
R22-22Ω1
R10-22K1
R69-1K82
R30-47K5
R28-47K5
R26-1K5
R25-1K5
R27-47K5
R29-47K5
R18-22Ω1
R7-22K1
R17-274
R15-22K1
R31-22K1
R19-1K
R39-10
R37-68K1
R34-150
R45-18K2
R46-18K2
R56-10
R51-4K75
R23-1K
R41-1K82
R43-15K
R59-10
R12-27K4
R14-27K4
R24-475
R20-475
R6-10
R33-10
R47-10K
R48-10K
R11-22K1
R27-47K5
R26-1K5
R28-47K5
R30-47K5
R69-1K82
R10-22K1
R72-4K75
R57-10K
R50-10K
R9-10
R35-10
R44-15K
R61-10
R42-1K82
R52-47K5
R58-10K
R64-825
R5-825
R70-681
R74-3K92
R68-47K5
R73-47K5
R71-681
R3-681
R8-475
R49-10
R66-47K5
R67-3K92
R53-47K5
R65-47K5
R4-825
R63-825
R54-10K
R60-10
R34-150
R31-22K1
R37-68K1
R39-10
R19-1K


R1-39/1W
R2-39/1W
R3-681
BRIDGE
(9)BRID
(8)GND
(7)+IN(A)
(6)-IN(A)
(5)GND
(4)GND
(3)-IN(B)
(2)+IN(B)
(1)GND
FROM CIR-200
R6-10
C1-47p
R7-22K1
C3-10µN.P
RA-15K
RB-15K
CHANNEL-A
C4 10µN.P
C7-47p
C9-100µ
R15-22K1
R18-22Ω1
R25-1K5
R27-47K5
R29-47K5
NJM2068D (1)
R11-22K1
C11-100n
T1
T3
C13-10µN.P
R17-274
C19-100p
R31-22K1
R39-10
C25-47µ
P1
LEVEL CHA
R33-10
C17 100µ
T5
Z1-3v9
R34-150
R37-68K1
C23-100n
R41-1K82
R43-15K
R45-18K2
D2
D4
OFF
ACT
D6
R47-10K
R48-10K
4N32 (4)
Z4-3v9
FAST
SLOW
C15 47µ
C21 47µ
PEAK/LIMITER
R4-825
LM393N (2)
R19-1K
R12-27K4
5K
ADJ(CHA)
R20-475
D1
R8-475
R9-10
C2-47p
R10-22K1
C5-10µN.P
RA-15K
RB-15K
CHANNEL-B
C6 10µN.P
C8-47p
C10-100µ
R16-22K1
R22-22Ω1
R26-1K5
R28-47K5
R30-47K5
NJM2068D (3)
R13-22K1
C12-100n
T2
T4
C14-10µN.P
R21-274
C20-100p
R32-22K1
R40-10
C26-47µ
P2
LEVEL CHB
R35-10
C18 100µ
T6
Z2-3v9
R36-150
R38-68K1
C24-100n
R42-1K82
R44-15K
R46-18K2
D3
D5
4N32 (5)
FAST
SLOW
C16 47µ
C22 47µ
PEAK/LIMITER
R5-825
LM393N (2)
R23-1K
R14-27K4
5K
ADJ(CHB)
R24-475
OFF
5K
LIM.
T7
R63-825
SIGNAL PRESSENT
R59-10
T9
D10
D8
R53-47K5
R54-10K
R60-10
C32 22µ
R72-4K75
R69-1K82
D14
(6)GND
(5)-15
(4)LIM
(3)N.C.
(2)+15
(1)PROT
FROM CIR-203
(1)+CLIP
(2)-CLIP
(3)GND
(4)+IN.
(5)GND
(6)4N32
(7)GND
(8)GND
(9)V.U.
TO CIR 196/CHA
R55-4K75
C27-10µNP
R51-4K75
R49-10
TL071 (6)
C31-10µN.P
R56-10
C28 100µ
C29 100µ
R65-47K5
D12
R71-681
R66-47K5
R67-3K92
R70-681
R73-47K5
R57-10K
Z3-3v9
D7
T8
R64-825
SIGNAL PRESSENT
R61-10
T10
D11
D13
R52-47K5
R58-10K
R62-10
R74-3K92
R68-47K5
R50-10k
D9
C30 22µ
TRANSISTORS= BC547B
DIODES= 1N4148
ALL RESISTORS 1/4W 1%
CIR-202 FOR DL1802
LED'S & LIMITER MODULE
SCHEMATIC DIAGRAM
MASTER audio design
CIR-202v1002-A02
DATE- 10-02
MODIFY- 01-03-04
AMATE ELECTROACUSTICA S.L.
(LAYER-1) (CIR202v1002-A02) SUBJECT TO CHANGE WITHOUT NOTICE



R17&R17A— 100/2W

TRANSISTORS BC547B

1N4007

1N4148

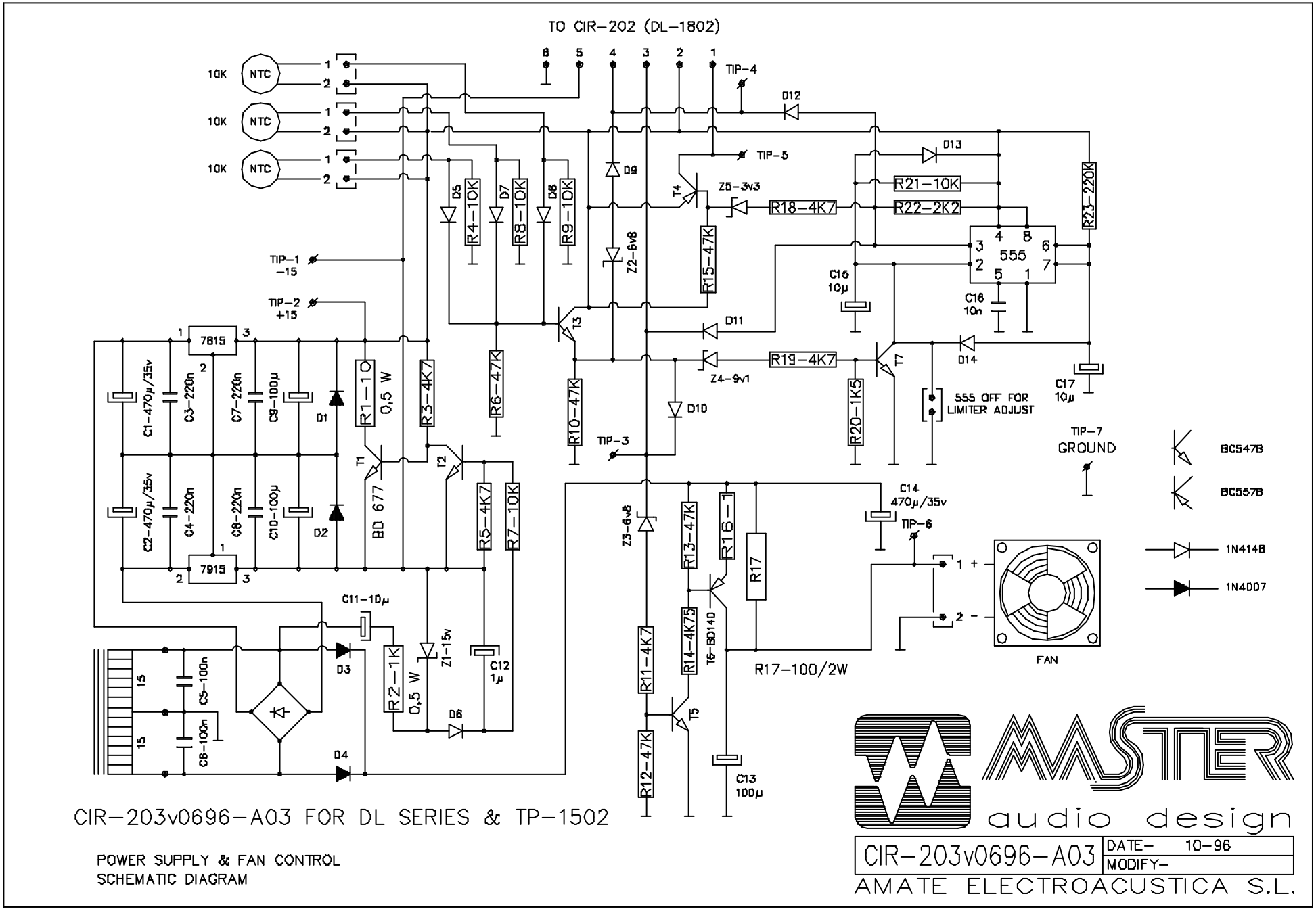
CIR—203v0696—A03 FOR DL SERIES & TP—1502

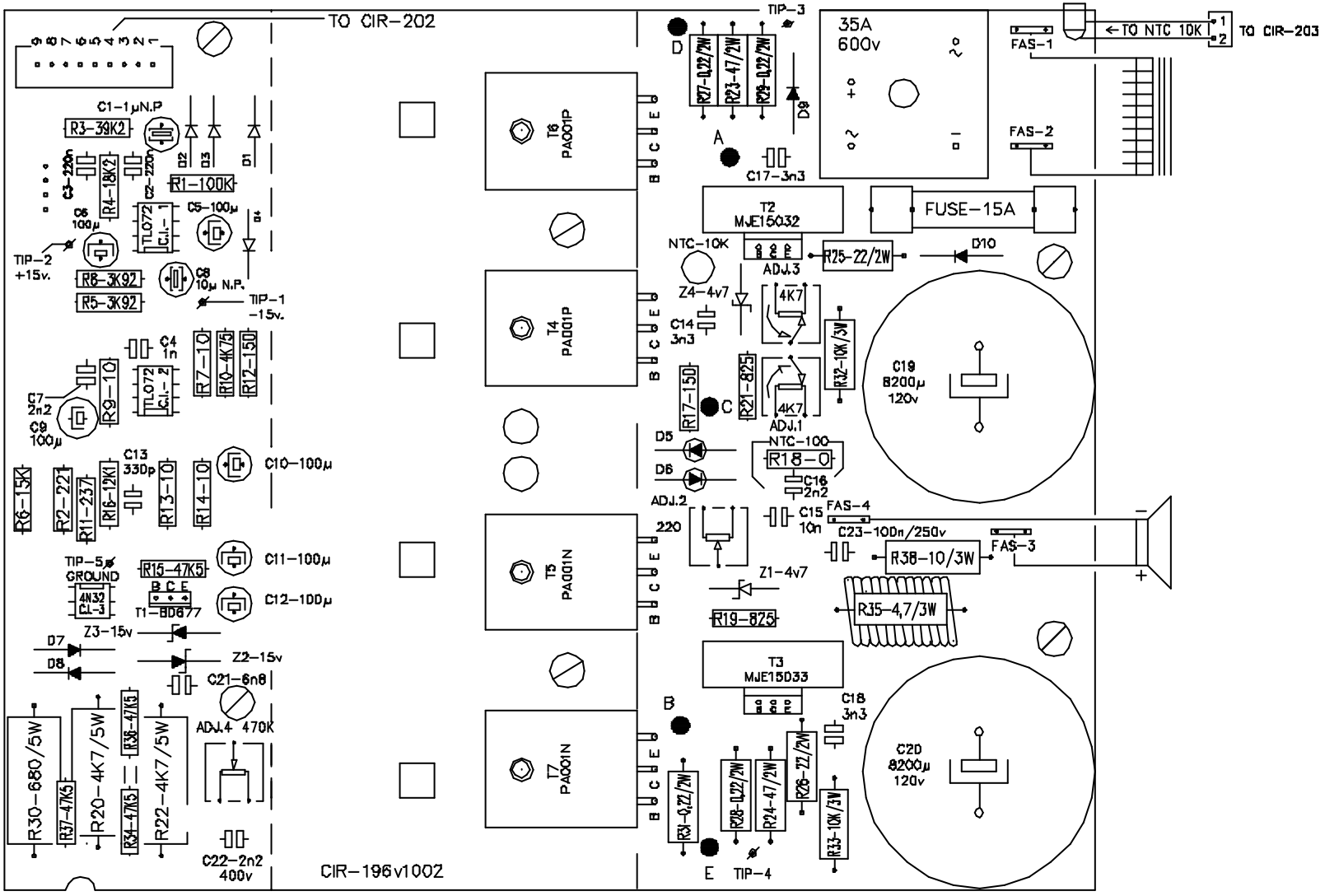
POWER SUPPLY & FAN CONTROL
COMPONENTS LOCATION

MASTER audio design

CIR—203v0696—A03	DATE— 10—96
	MODIFY—

AMATE ELECTROACUSTICA S.L.


TO CIR-202 (DL-1802)
10K NTC
10K NTC
10K NTC
TIP-1 -15
TIP-2 +15
TIP-3
TIP-4
TIP-5
TIP-6
TIP-7 GROUND
7815
7915
BD 677
555
555 OFF FOR LIMITER ADJUST
FAN
R17-100/2W
BC547B
BC557B
1N4148
1N4007
CIR-203v0696-A03 FOR DL SERIES & TP-1502
POWER SUPPLY & FAN CONTROL
SCHEMATIC DIAGRAM
audio design
CIR-203v0696-A03
DATE- 10-96
MODIFY-
AMATE ELECTROACUSTICA S.L.
(CIR-203v0696-A03) (LAYER-1) SUBJECT TO CHANGE WITHOUT NOTICE



CIR-196 FOR
DL-1802

POWER MODULE
COMPONENTS LOCATION

INITIAL POSITION

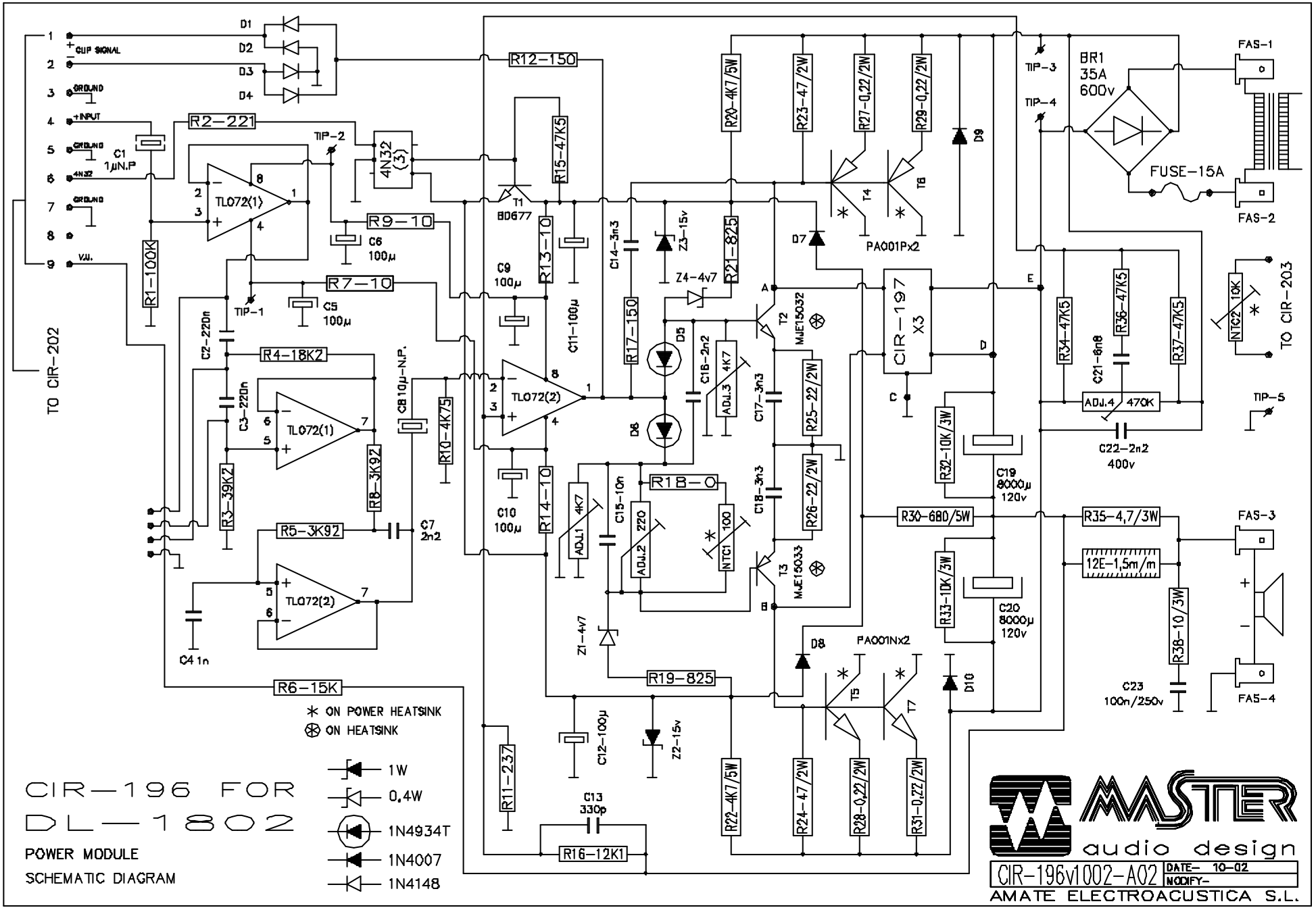
1N4148
1N4007
1N4934T
1W
0,4W

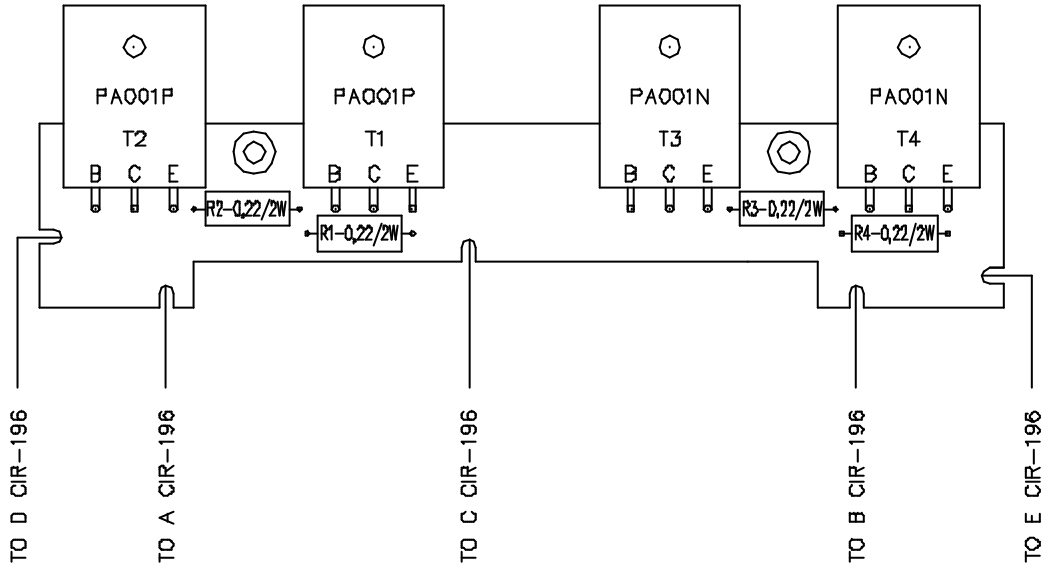
MASTER audio design

CIR-196v1002-A02 | DATE- 10-02 | MODIFY-

AMATE ELECTROACUSTICA S.L.

(CIR-196v1002-A02) SUBJECT TO CHANGE WITHOUT NOTICE


CIR—196 FOR
DL—1802
POWER MODULE
SCHEMATIC DIAGRAM
* ON POWER HEATSINK
⊛ ON HEATSINK
1W
0,4W
1N4934T
1N4007
1N4148
MASTER
audio design
CIR-196v1002-A02
DATE- 10-02
MODIFY-
AMATE ELECTROACUSTICA S.L.
(CIR-196v1002-A02) SUBJECT TO CHANGE WITHOUT NOTICE
TO CIR-202
TO CIR-203
CLIP SIGNAL
GROUND
+INPUT
4N32
V.U.
TL072(1)
TL072(2)
4N32 (3)
BD677
MJE15032
MJE15033
PA001Px2
PA001Nx2
CIR-197 X3
BR1 35A 600v
FUSE-15A
FAS-1
FAS-2
FAS-3
FAS-4
TIP-1
TIP-2
TIP-3
TIP-4
TIP-5
NTC2 10K
ADJ.4 470K
12E-1,5m/m
C23 100n/250v
C19 8000µ 120v
C20 8000µ 120v
C22-2n2 400v



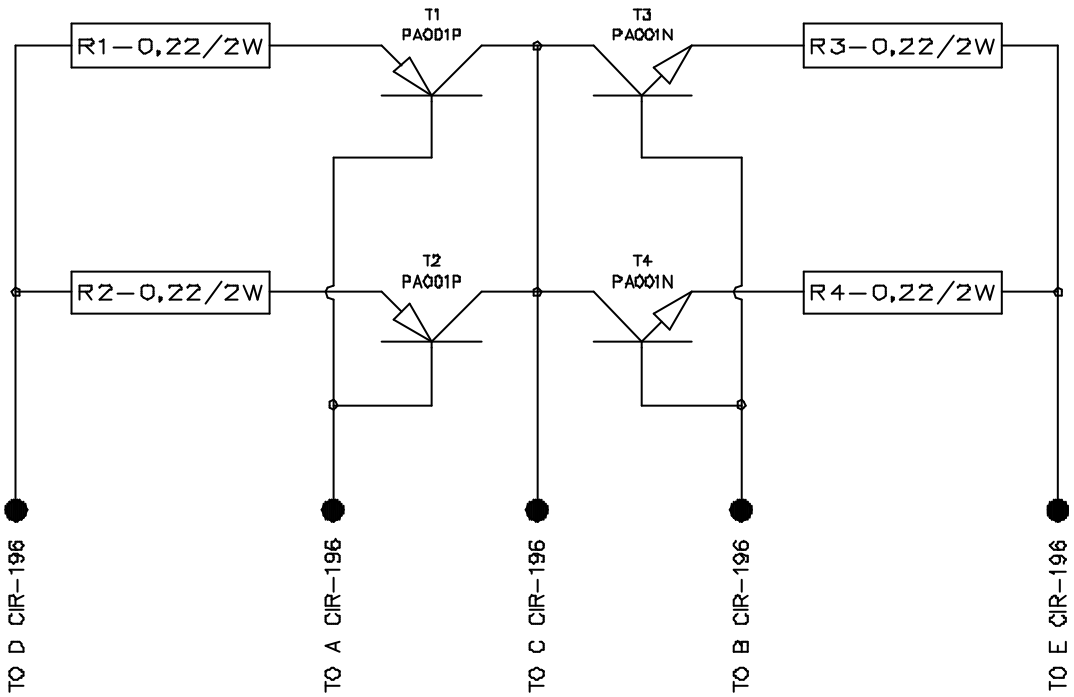
CIR-197 FOR TP & DL SERIES

POWER MODULE
COMPONENTS LOCATION

MASTER audio design

CIR-197v1002-A00	DATE- 10-02
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-197 FOR TP & DL SERIES

TRANSISTORS MODULE
SCHEMATIC DIAGRAM

MASTER audio design

CIR-197v1002-A00	DATE- 10-02
	MODIFY-

AMATE ELECTROACUSTICA S.L.

(Cir197v1002-A00) (LAYER-1) SUBJECT TO CHANGE WITHOUT NOTICE