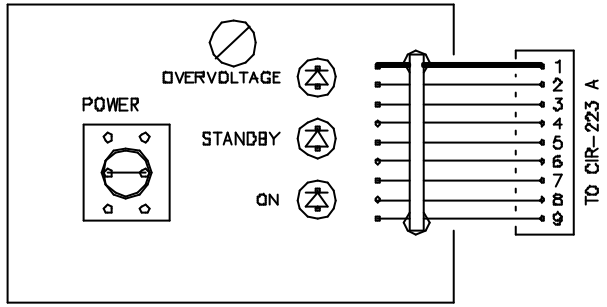
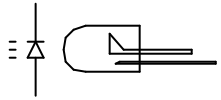




LED'S POSITION

CIR-226 FOR DPU-SERIES

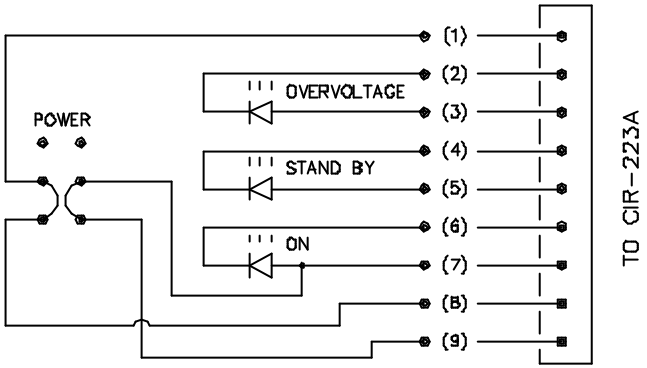
ON/OFF CONTROL
COMPONENTS LOCATION

MASTER
Dynamic Power Series

CIR-226v1099-A01	DATE- 10-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.

(CIR-226v1099-A01) (LAYER-0) SUBJECT TO CHANGE WITHOUT NOTICE



CIR-226 FOR DPU-SERIES

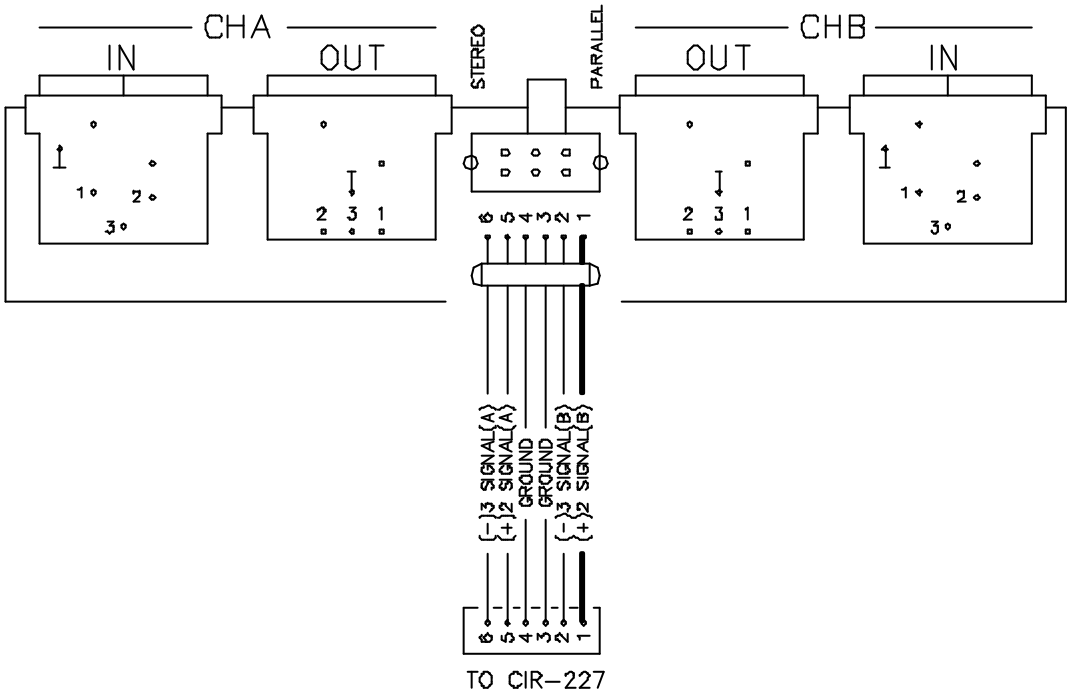
ON/OFF CONTROL

SCHEMATIC DIAGRAM

MASTER Dynamic Power Series

CIR-226v1099-A01	DATE- 10-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.



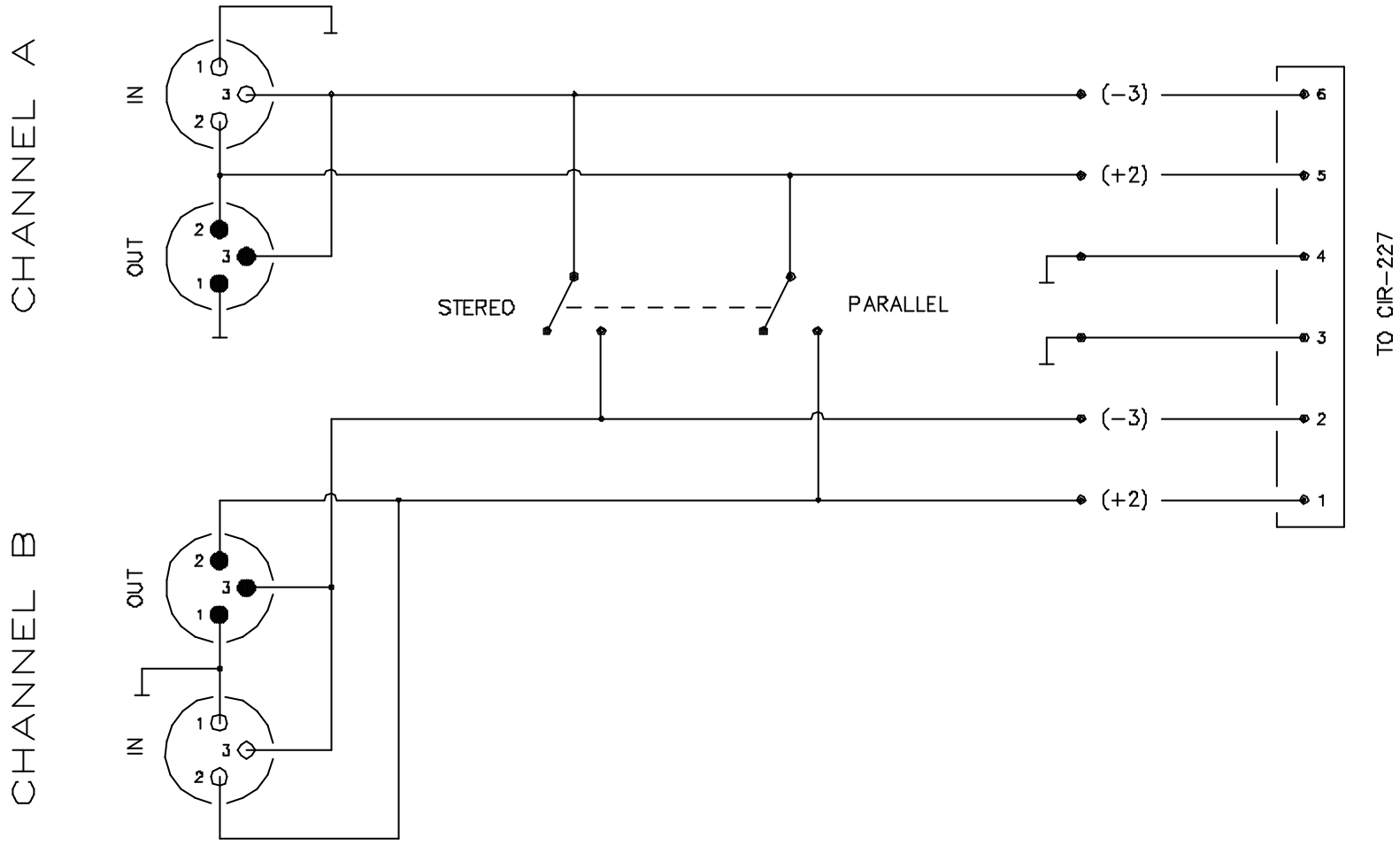
CIR-225 FOR DPU-SERIES

SIGNAL INPUT MODULE
COMPONENTS LOCATION

MASTER
Dynamic Power Series

CIR-225v1099-A01	DATE- 10-99 MODIFY-

AMATE ELECTROACUSTICA S.L.



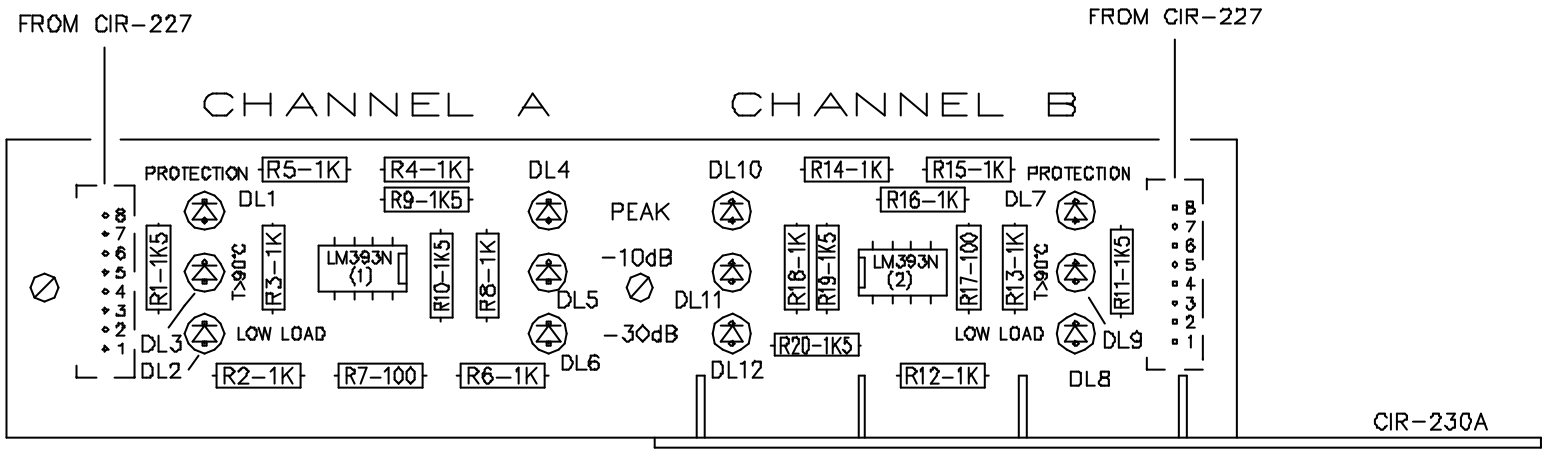
CIR-225 FOR DPU-SERIES

SIGNAL INPUT MODULE
SCHEMATIC DIAGRAM

MASTER
Dynamic Power Series

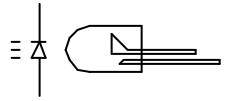
CIR-225v1099-A01	DATE- 10-99 MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-230 FOR DPU-SERIES

LED'S MODULE
COMPONENTS LOCATION



LED'S POSITION

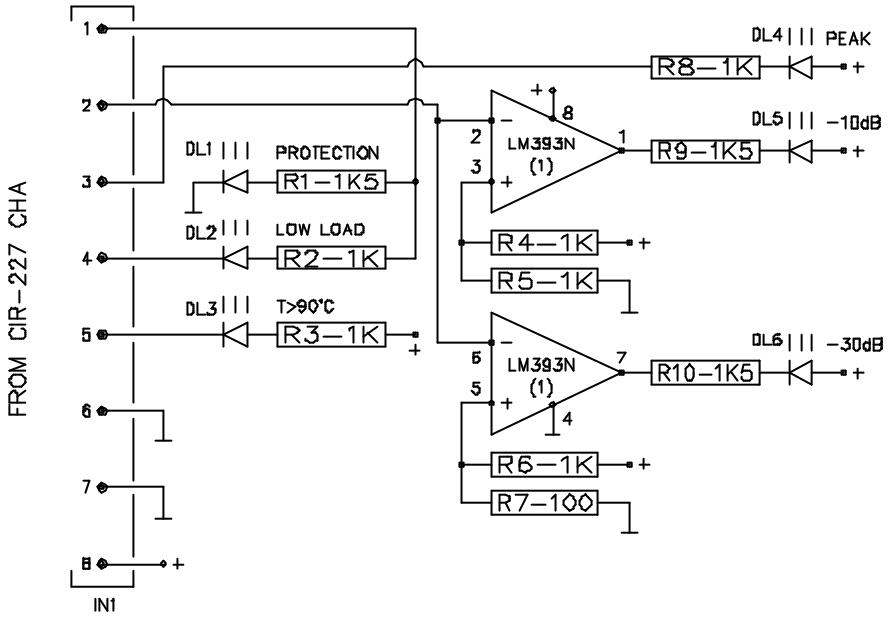
ALL RESISTORS 1/4W 1%

MASTER
Dynamic Power Series

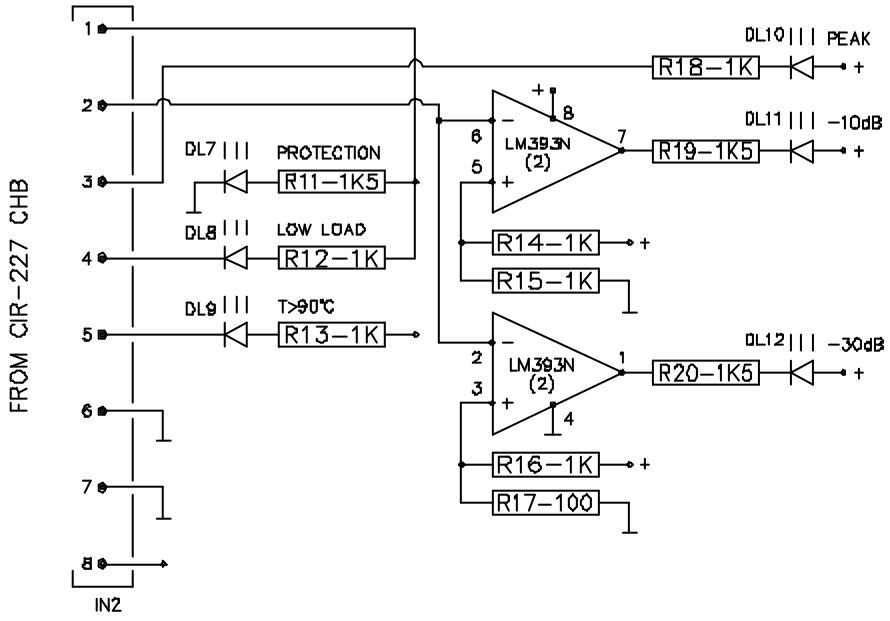
CIR-230v1099-A03	DATE- 10-99 MODIFY-

AMATE ELECTROACUSTICA S.L.

CHANNEL A



CHANNEL B



CIR-230 FOR DPU-SERIES

LED'S MODULE

SCHEMATIC DIAGRAM

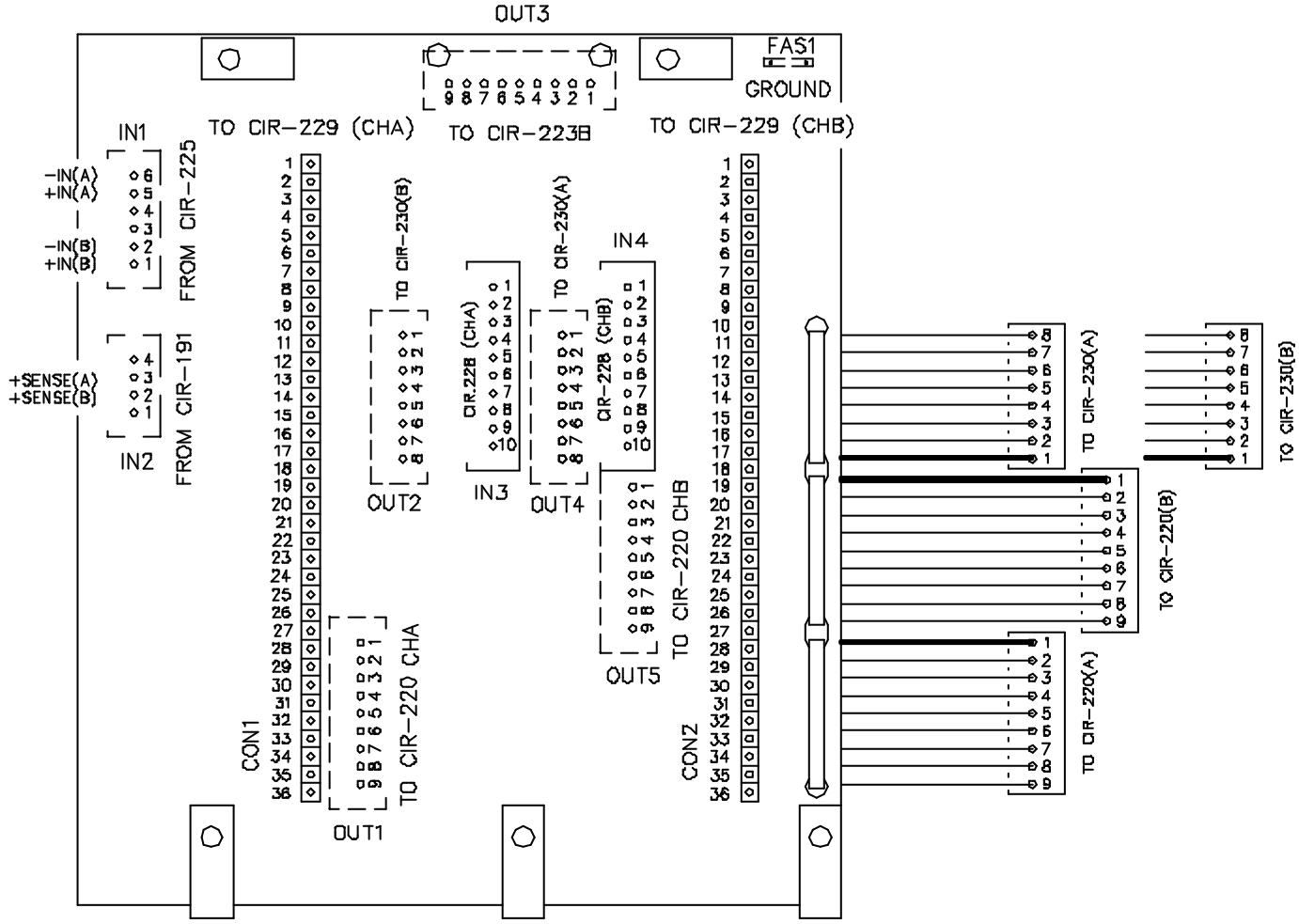
ALL RESISTORS 1/4W 1%

MASTER

Dynamic Power Series

CIR-230v1099-A03	DATE- 10-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-227 FOR DPU-SERIES

INTERCONECTION MODULE

COMPONENTS LOCATION

MASTER Dynamic Power Series

CIR227v1099-A03	DATE- 10-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.

(CIR227v1099-A03) (LAYER-0) SUBJECT TO CHANGE WITHOUT NOTICE

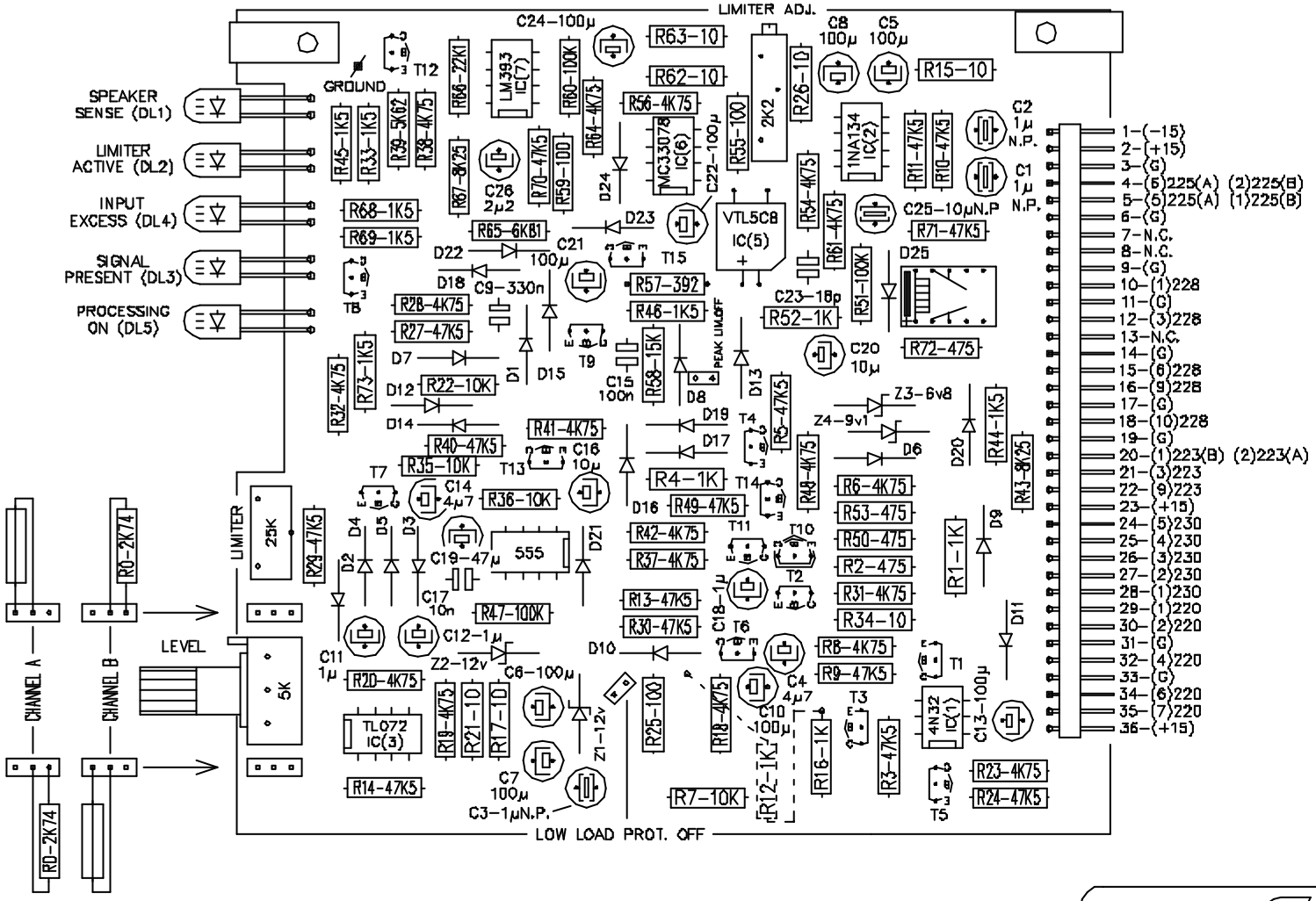
LED'S POSITION

DIODOS: 1N4148

BC547B

BC557B

ALL RESISTORS 1/4W 1%



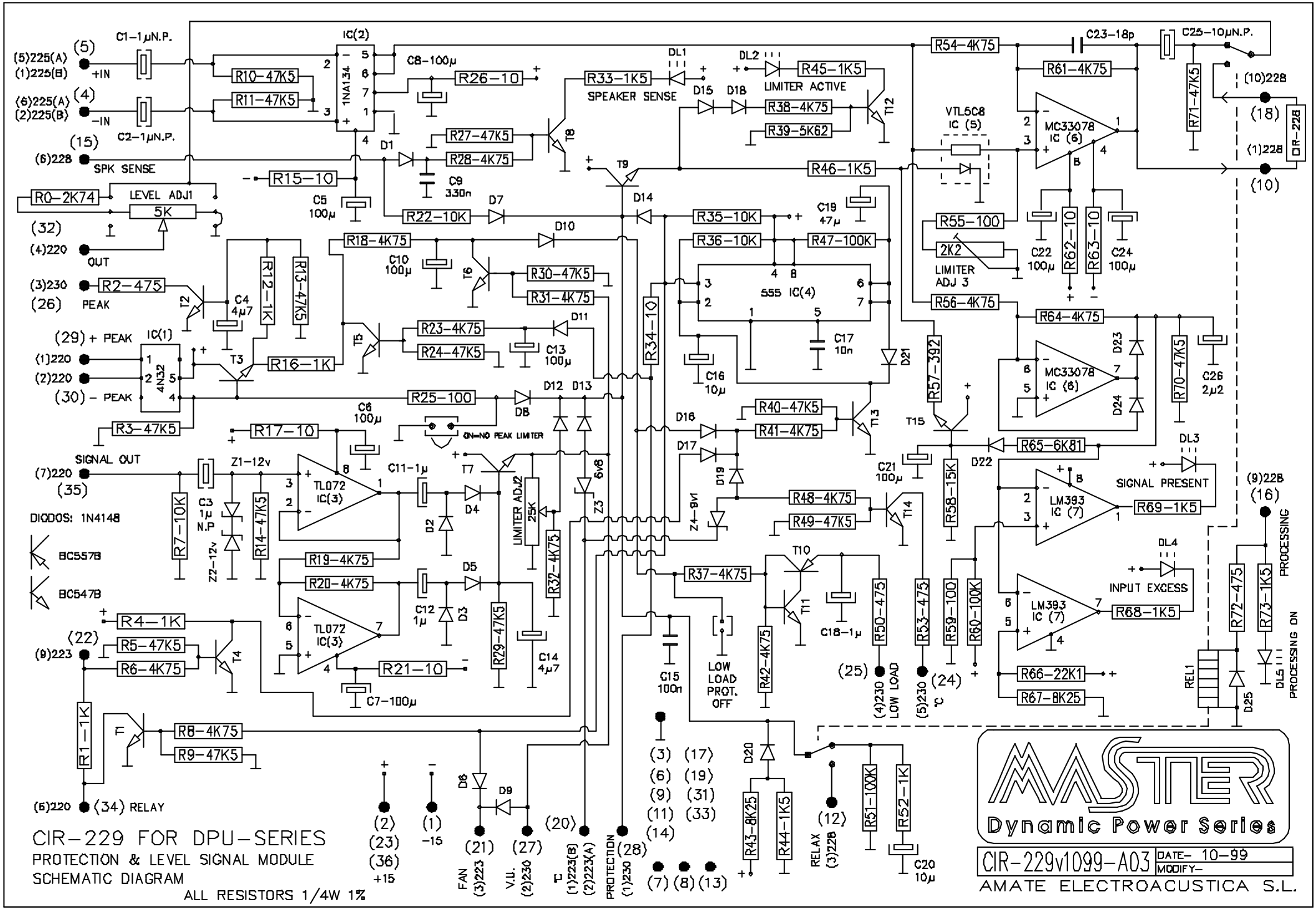
CIR-229 FOR DPU-SERIES

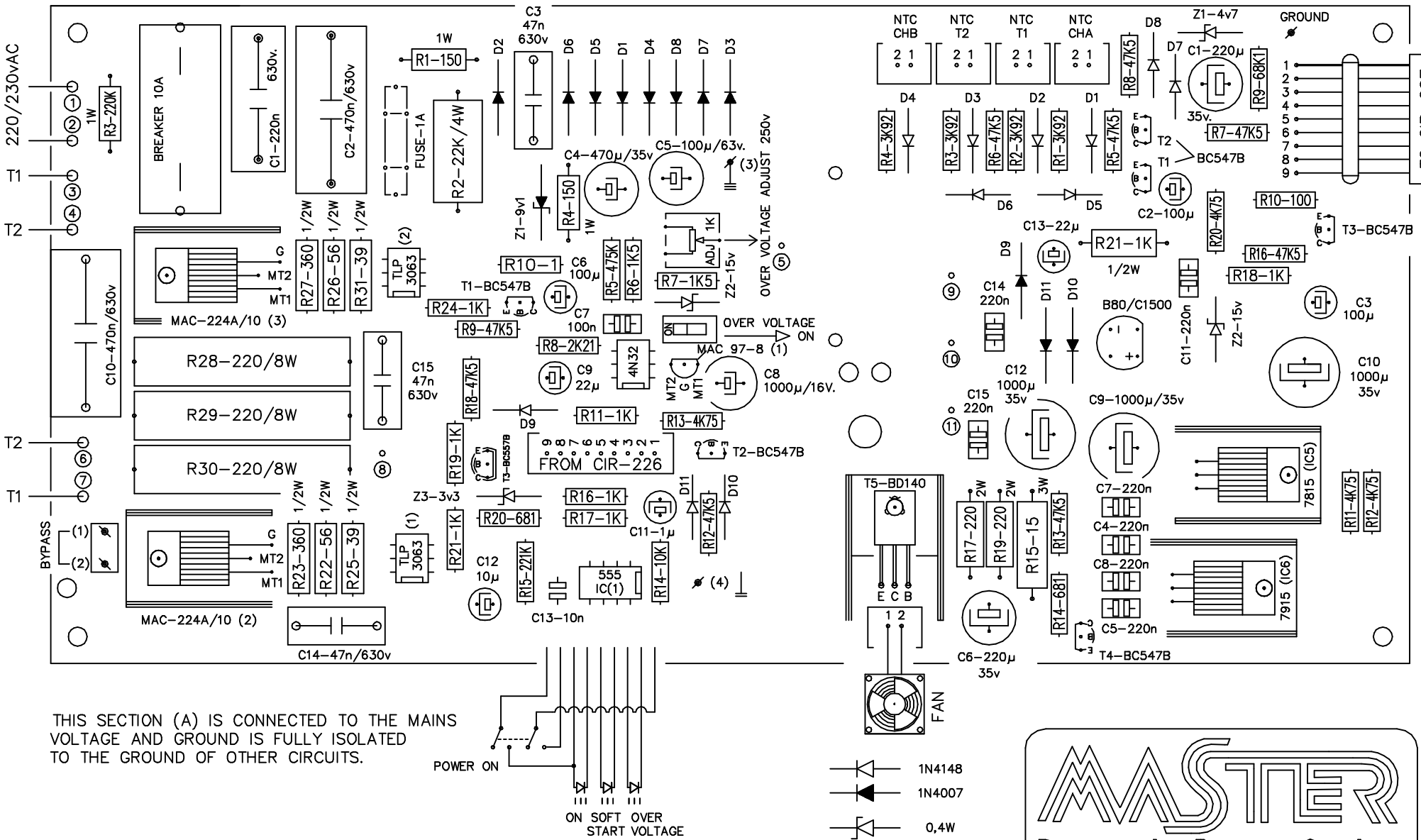
PROTECTION & LEVEL SIGNAL MODULE
COMPONENTS LOCATION

MASTER
Dynamic Power Series

CIR-229v1099-A03 | DATE- 10-99 | MODIFY-

AMATE ELECTROACUSTICA S.L.


(5)225(A)
(1)225(B)
+IN
(6)225(A)
(2)225(B)
-IN
(6)228
SPK SENSE
C1-1µN.P.
C2-1µN.P.
IC(2)
1NA134
R10-47K5
R11-47K5
C8-100µ
R26-10
R27-47K5
R28-4K75
R15-10
C5 100µ
D1
C9 330n
T8
SPEAKER SENSE
DL1
DL2
R45-1K5
LIMITER ACTIVE
D15
D18
R38-4K75
R39-5K62
T12
T9
R46-1K5
R54-4K75
C23-18p
C25-10µN.P.
R61-4K75
R71-47K5
(10)228
(18)
(1)228
DR-228
(10)
VTL5C8
IC (5)
MC33078
IC (6)
R0-2K74
LEVEL ADJ1
5K
(32)
(4)220
OUT
R55-100
2K2
LIMITER
ADJ 3
C22 100µ
R62-10
R63-10
C24 100µ
R22-10K
D7
D14
R35-10K
C19 47µ
R36-10K
R47-100K
555 IC(4)
C17 10n
C16 10µ
D21
R56-4K75
R64-4K75
R57-392
T15
D23
D24
R70-47K5
C26 2µ2
R65-6K81
D22
DL3
SIGNAL PRESENT
R69-1K5
LM393
IC (7)
(9)228
(16)
PROCESSING
PROCESSING ON
DL5
REL1
D25
R72-475
R73-1K5
R18-4K75
D10
C10 100µ
T6
R30-47K5
R31-4K75
R34-10
(3)230
(26)
PEAK
R2-475
T2
C4 4µ7
R12-1K
R13-47K5
(29) + PEAK
IC(1)
4N32
(1)220
(2)220
(30) - PEAK
T3
R16-1K
T5
R23-4K75
R24-47K5
D11
C13 100µ
R25-100
D12
D13
D8
R3-47K5
R17-10
C6 100µ
ON-NO PEAK LIMITER
SIGNAL OUT
(7)220
(35)
Z1-12v
C3 N.P.
Z2-12v
R7-10K
R14-47K5
TL072
IC(3)
C11-1µ
T7
LIMITER ADJ2
25K
6v8
Z3
D2
D4
R40-47K5
R41-4K75
T13
D16
D17
D19
Z4-9v1
R48-4K75
R49-47K5
T14
T10
T11
R37-4K75
C18-1µ
R50-475
R53-475
R59-100
R60-100K
R42-4K75
R19-4K75
R20-4K75
D5
C12 1µ
D3
R29-47K5
R32-4K75
C14 4µ7
R21-10
C7-100µ
C15 100n
LOW LOAD PROT. OFF
(25)
(4)230
LOW LOAD
(5)230
°C
(24)
DL4
INPUT EXCESS
R68-1K5
R66-22K1
R67-8K25
DIODOS: 1N4148
BC557B
BC547B
(22)
(9)223
R4-1K
R5-47K5
R6-4K75
T4
R1-1K
T1
R8-4K75
R9-47K5
(6)220
(34) RELAY
D6
D9
(2)
(23)
(36)
+15
(1)
-15
(21)
FAN
(3)223
(27)
V.U.
(2)230
(20)
(1)223(B)
(2)223(A)
PROTECTION
(28)
(1)230
(3) (17)
(6) (19)
(9) (31)
(11) (33)
(14)
(7) (8) (13)
D20
R43-8K25
R44-1K5
(12)
RELAX
(3)228
R51-100K
R52-1K
C20 10µ
CIR-229 FOR DPU-SERIES
PROTECTION & LEVEL SIGNAL MODULE
SCHEMATIC DIAGRAM
ALL RESISTORS 1/4W 1%
MASTER
Dynamic Power Series
CIR-229v1099-A03
DATE- 10-99
MODIFY-
AMATE ELECTROACUSTICA S.L.
(CIR229v1099-A03) (LAYER-1) SUBJECT TO CHANGE WITHOUT NOTICE



THIS SECTION (A) IS CONNECTED TO THE MAINS VOLTAGE AND GROUND IS FULLY ISOLATED TO THE GROUND OF OTHER CIRCUITS.

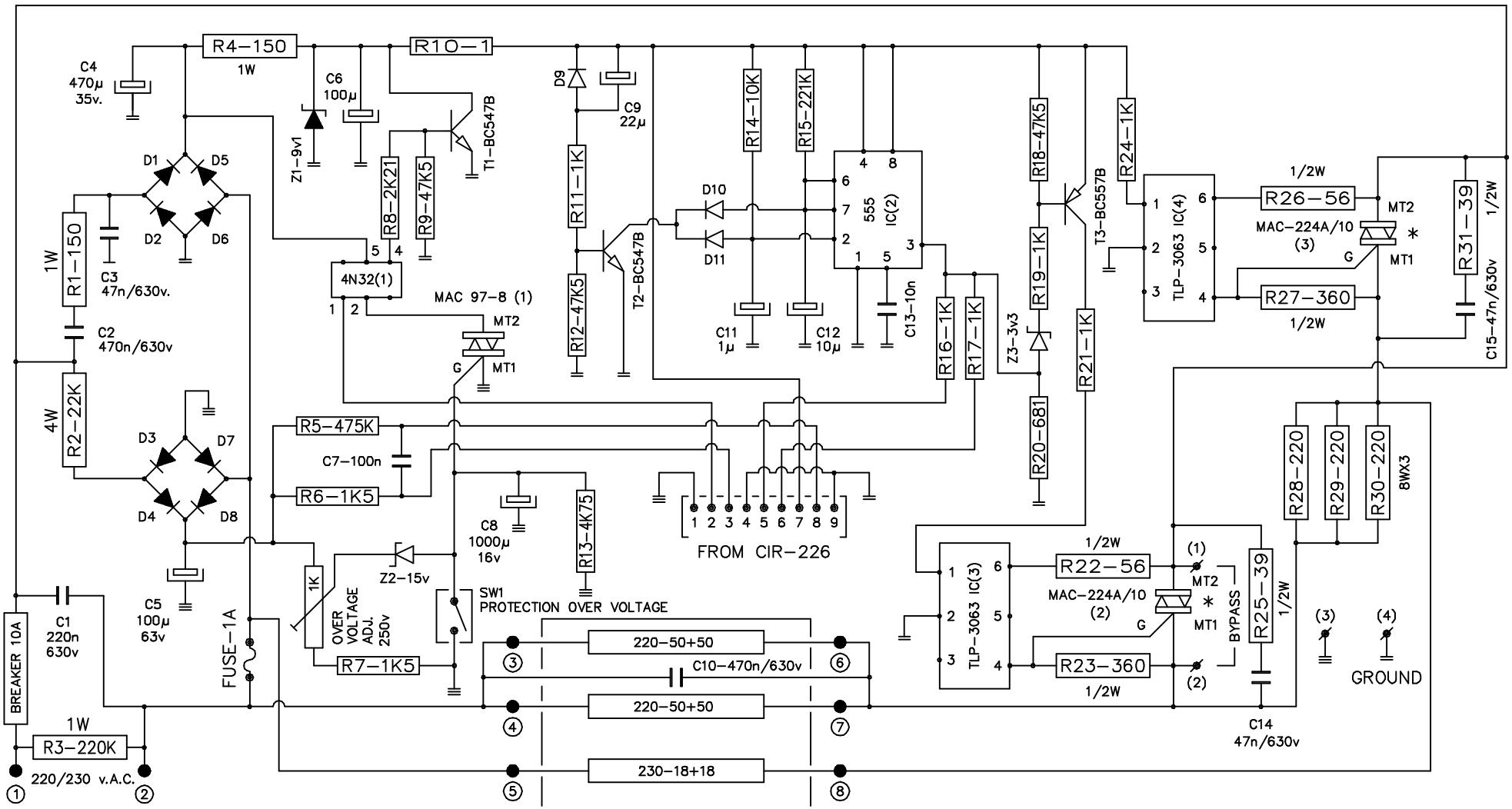
CIR–223 FOR DPU–3K6

POWER ON/OFF; SOFT START & OVER VOLTAGE DETECTOR
COMPONENTS LOCATION

MASTER
Dynamic Power Series

CIR–223v1299–A04	DATE– 12–99
	MODIFY–

AMATE ELECTROACUSTICA S.L.



THIS SECTION IS CONNECTED TO THE MAINS VOLTAGE AND GROUND IS FULLY ISOLATED TO THE GROUND OF OTHER CIRCUITS.

1N4148
1N4007
0,4W
1W

ALL RESISTORS 1/4W 1%

* ON HEATSINK

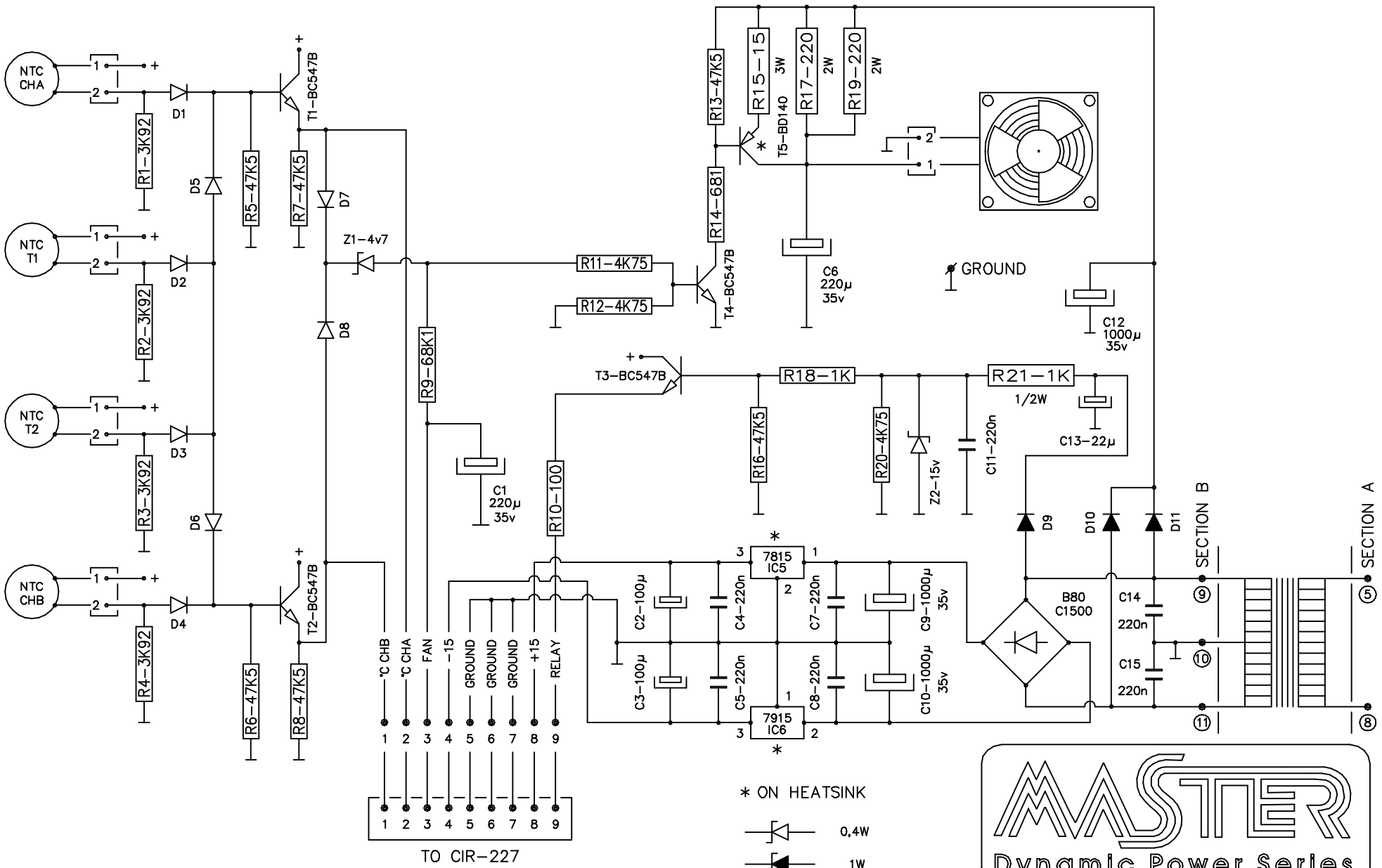
CIR-223 (SECTION A) FOR DPU-3K6

POWER ON/OFF; SOFT START & OVER VOLTAGE DETECTOR
SCHEMATIC DIAGRAM

MASTER
Dynamic Power Series

CIR-223v1299-A04	DATE- 12-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.



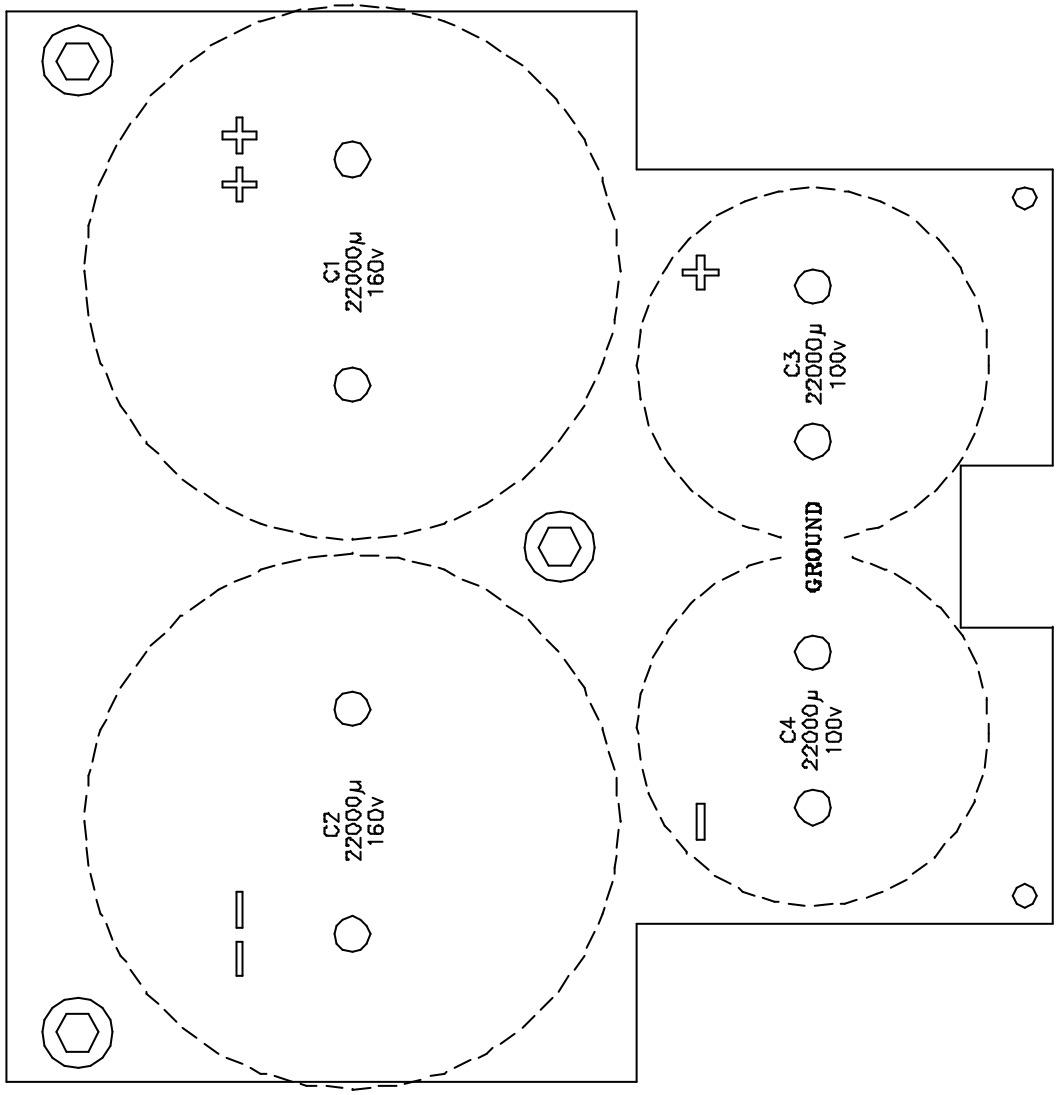
CIR-223 (SECTION B) FOR DPU

POWER ON/OFF; SOFT START & OVER VOLTAGE DETECTOR
SCHEMATIC DIAGRAM

MASTER
Dynamic Power Series

CIR-223v1299-A04	DATE- 12-99
	MODIFY-

AMATE ELECTROACUSTICA S.L.



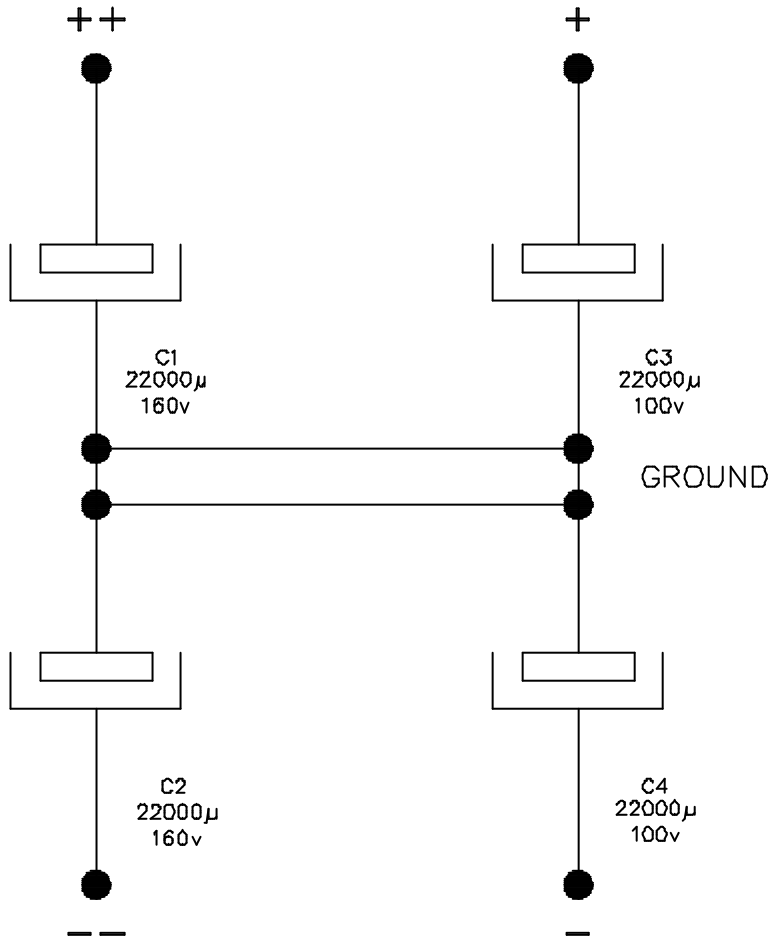
CIR-224 FOR DPU-3K6

CAPACITOR'S MODULE
COMPONENTS LOCATION

MASTER
Dynamic Power Series

CIR-224V1103-A02	DATE- 2-98 MODIFY-

AMATE ELECTROACUSTICA S.L.



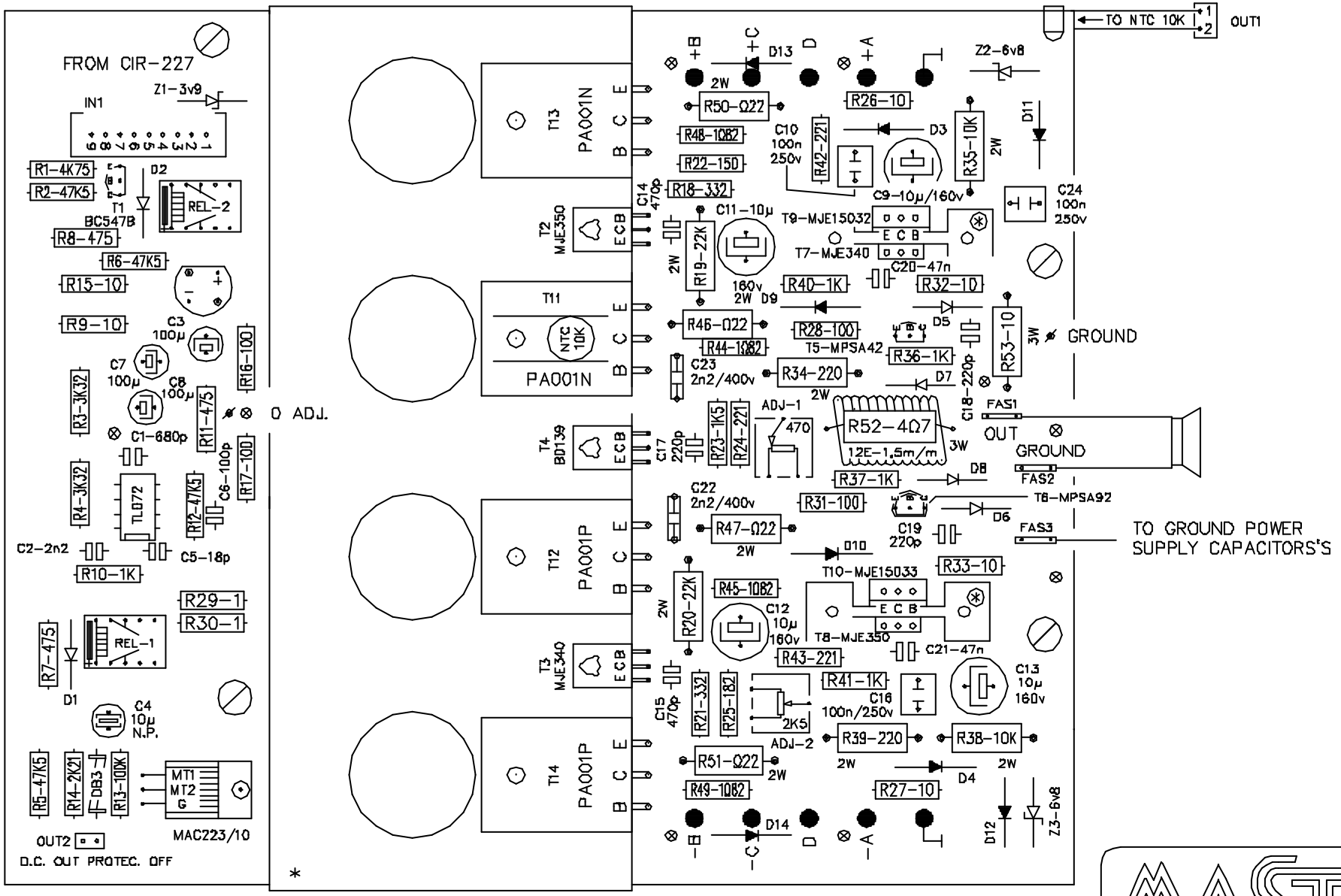
CIR-224 FOR DPU-3K6

CAPACITOR'S MODULE
SCHEMATIC DIAGRAM

MASTER
Dynamic Power Series

CIR-224V1103-A02	DATE- 2-98 MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-220 FOR DPU-3K6

POWER MODULE

COMPONENTS LOCATION

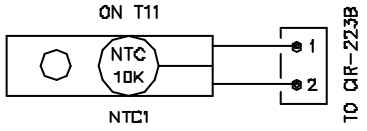
* ON POWER HEATSINK

⊛ ON HEATSINK

1N4148

1N4007

ALL RESISTORS 1/4W 1%

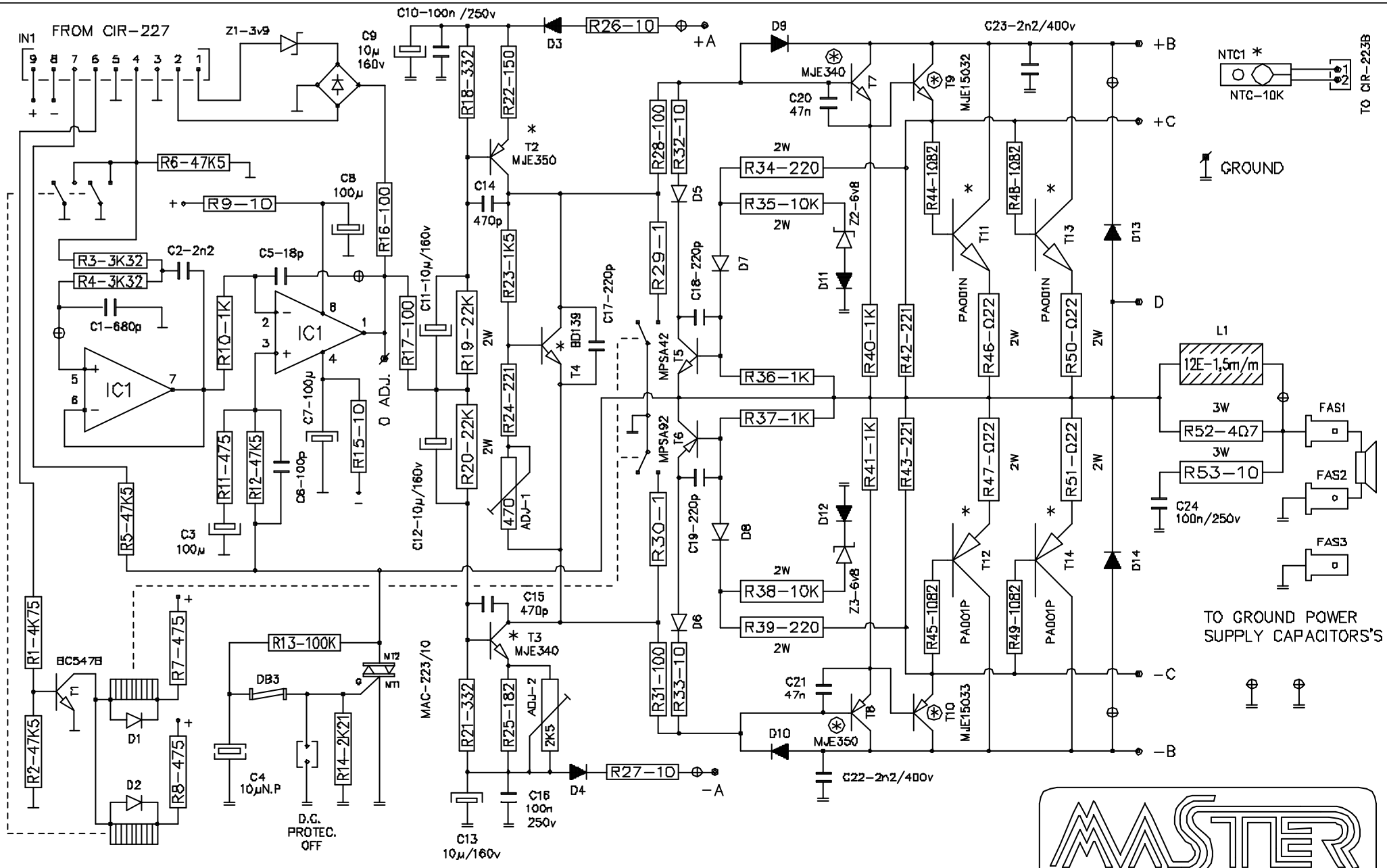


MASTER

Dynamic Power Series

CIR-220v0100-A01	DATE- 1-00
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-220 FOR DPU-3K6

POWER MODULE

SCHEMATIC DIAGRAM

1N4148

1N4007

* ON POWER HEATSINK

⊛ ON HEATSINK

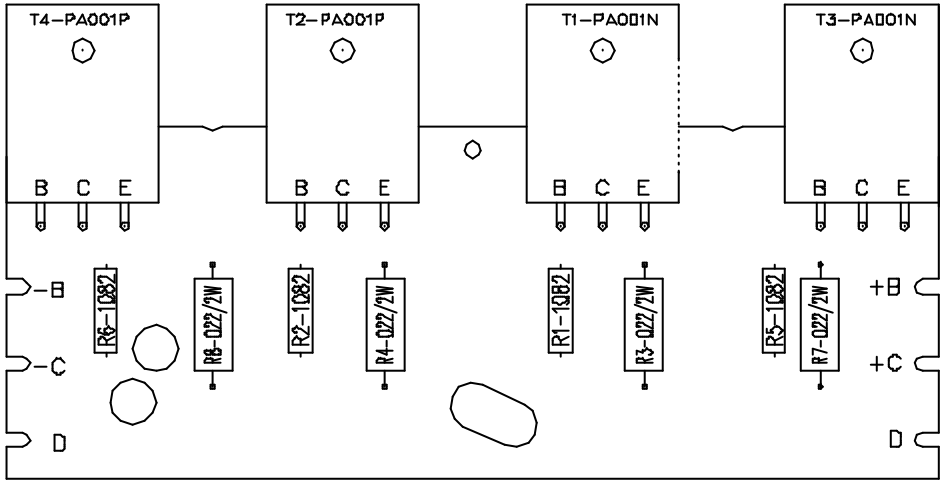
ALL RESISTORS 1/4W 1%

MASTER

Dynamic Power Series

CIR-220v0100-A01	DATE- 1-00
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-250 FOR DP & DPU SERIES

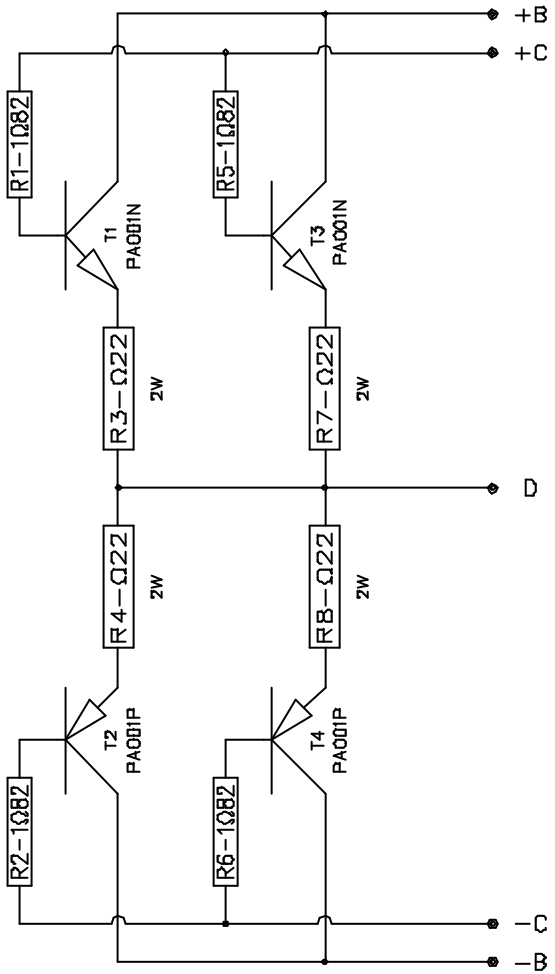
ADITIONAL TRANSISTORS
COMPONENTS LOCATION

TRANSISTORS AT HEATSINK
ALL RESISTORS 1/4W 1%

MASTER audio design

CIR-250v1002-A00	DATE- 10-02
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-250 FOR DP & DPU SERIES

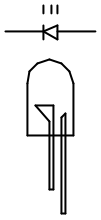
ADITIONAL TRANSISTORS
SCHEMATIC DIAGRAM

TRANSISTORS AT HEATSINK
ALL RESISTORS 1/4W 1%

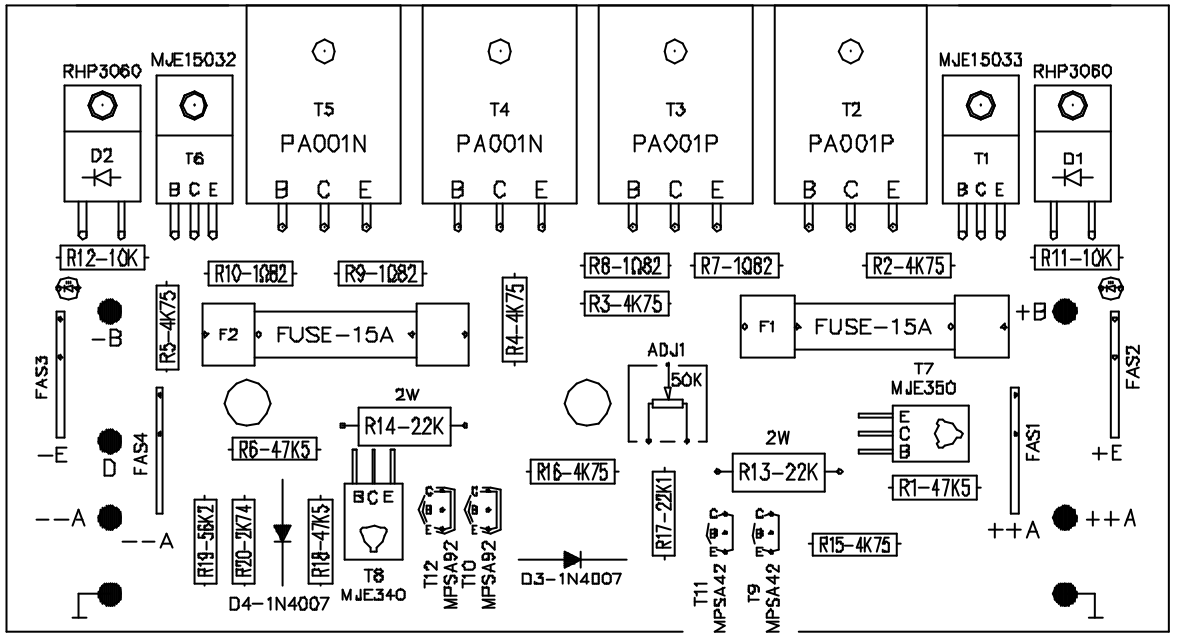
MASTER audio design

CIR-250v1002-A00	DATE- 10-02
	MODIFY-

AMATE ELECTROACUSTICA S.L.



LED'S POSITION



CIR-222 FOR DPU

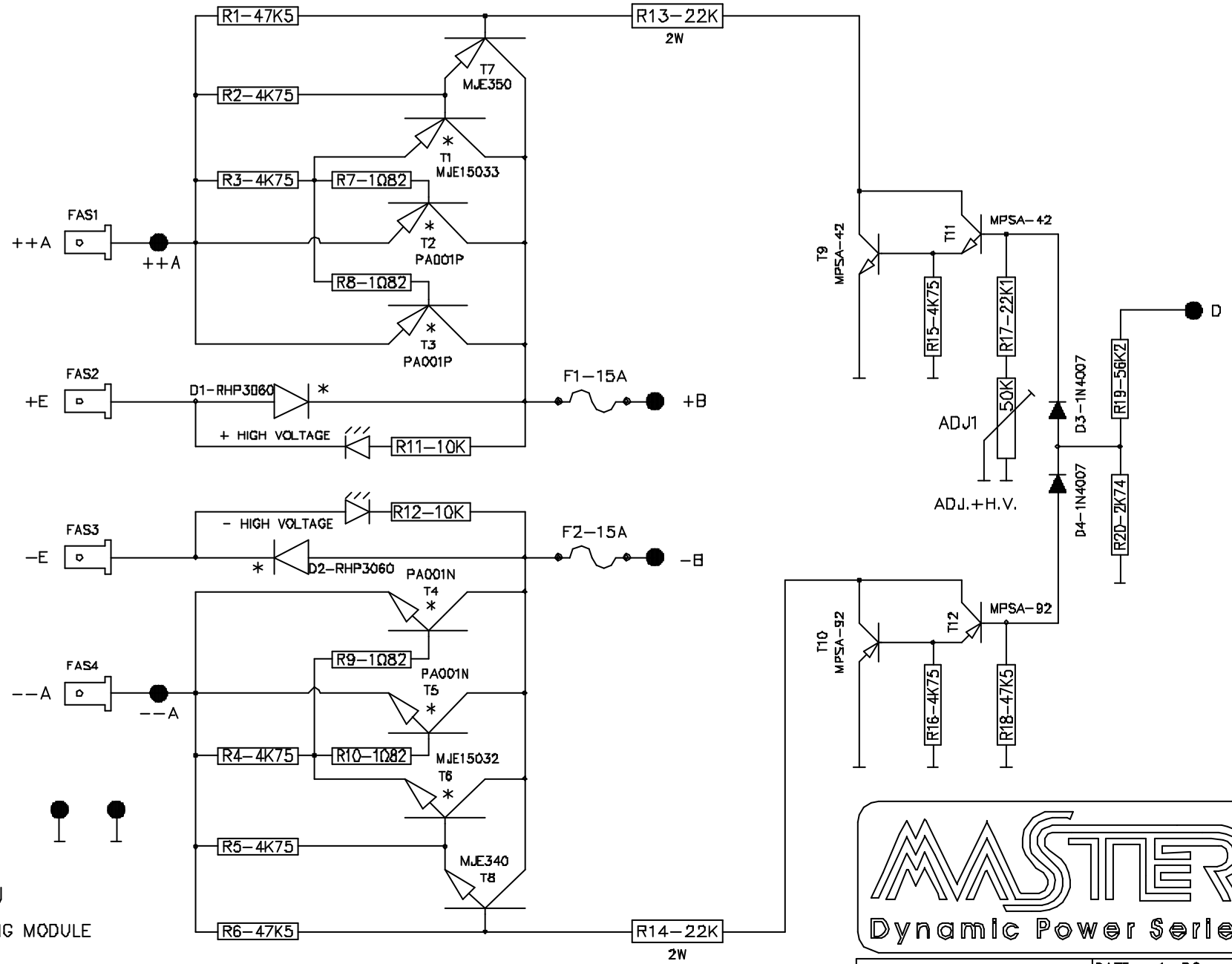
DUAL-VOLTAGE PROCESSING MODULE
COMPONENTS LOCATION

ALL RESISTORS 1/4W 1%

MASTER
Dynamic Power Series

CIR-222v0100-A01	DATE- 1-00
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-222 FOR DPU

DUAL-VOLTAGE PROCESSING MODULE
SCHEMATIC DIAGRAM

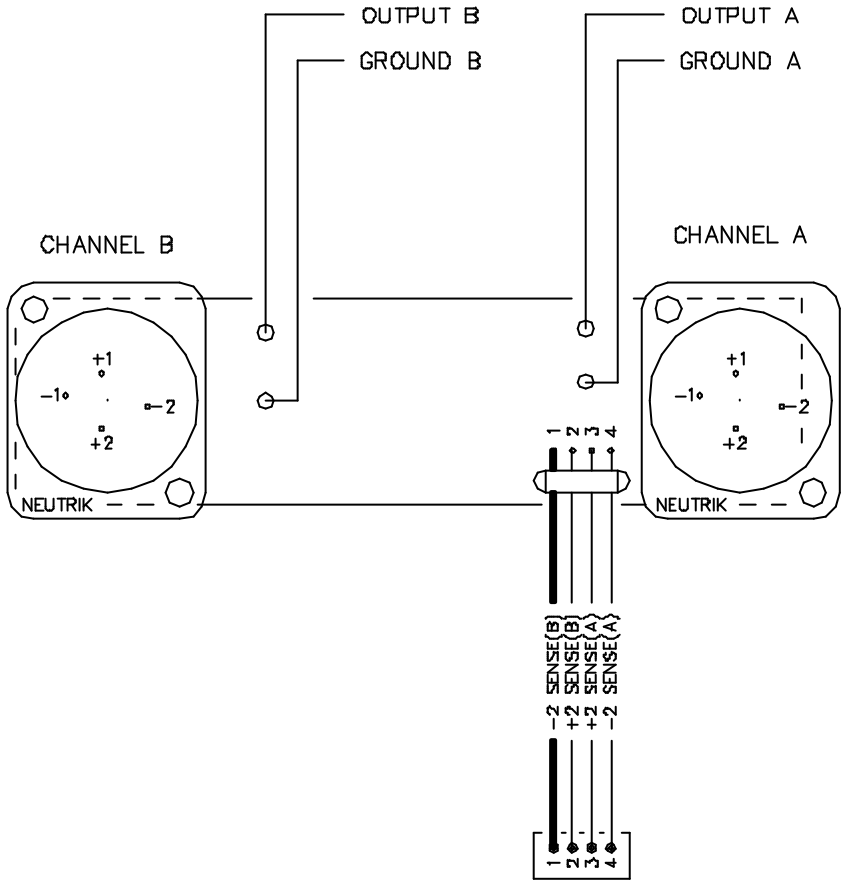
* ON HEATSINK

ALL RESISTORS 1/4W 1%

MASTER
Dynamic Power Series

CIR-222v0100-A01	DATE- 1-00
	MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-231 FOR DPU-SERIES

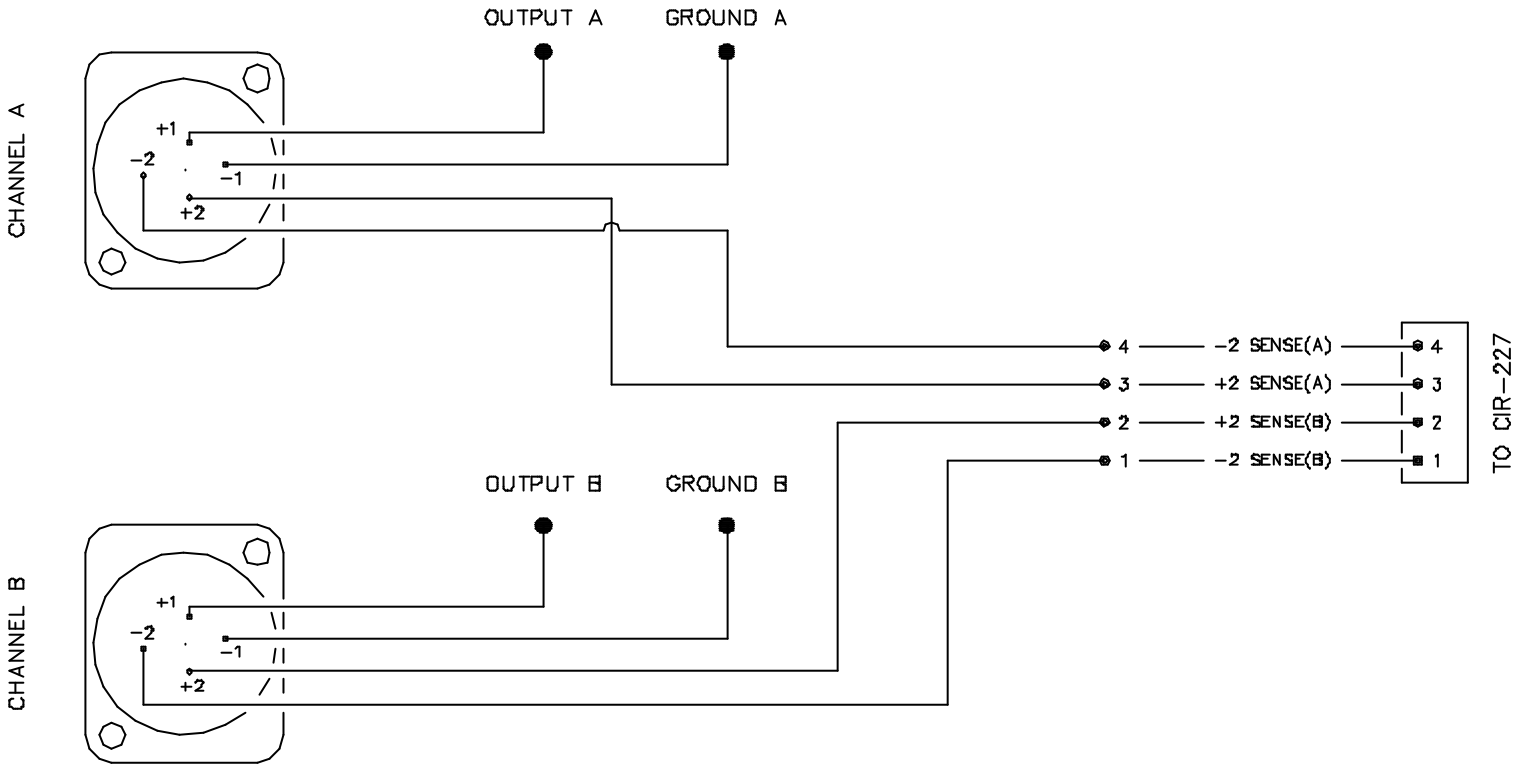
SPEAKER'S OUTPUT MODULE

COMPONENTS LOCATION

MASTER
Dynamic Power Series

CIR-231v1099-A00	DATE- 10-99 MODIFY-

AMATE ELECTROACUSTICA S.L.



CIR-231 FOR DPU-SERIES

SPEAKER'S OUTPUT MODULE

SCHEMATIC DIAGRAM

MASTER
Dynamic Power Series

CIR-231v1099-A00	DATE- 10-99 MODIFY-

AMATE ELECTROACUSTICA S.L.