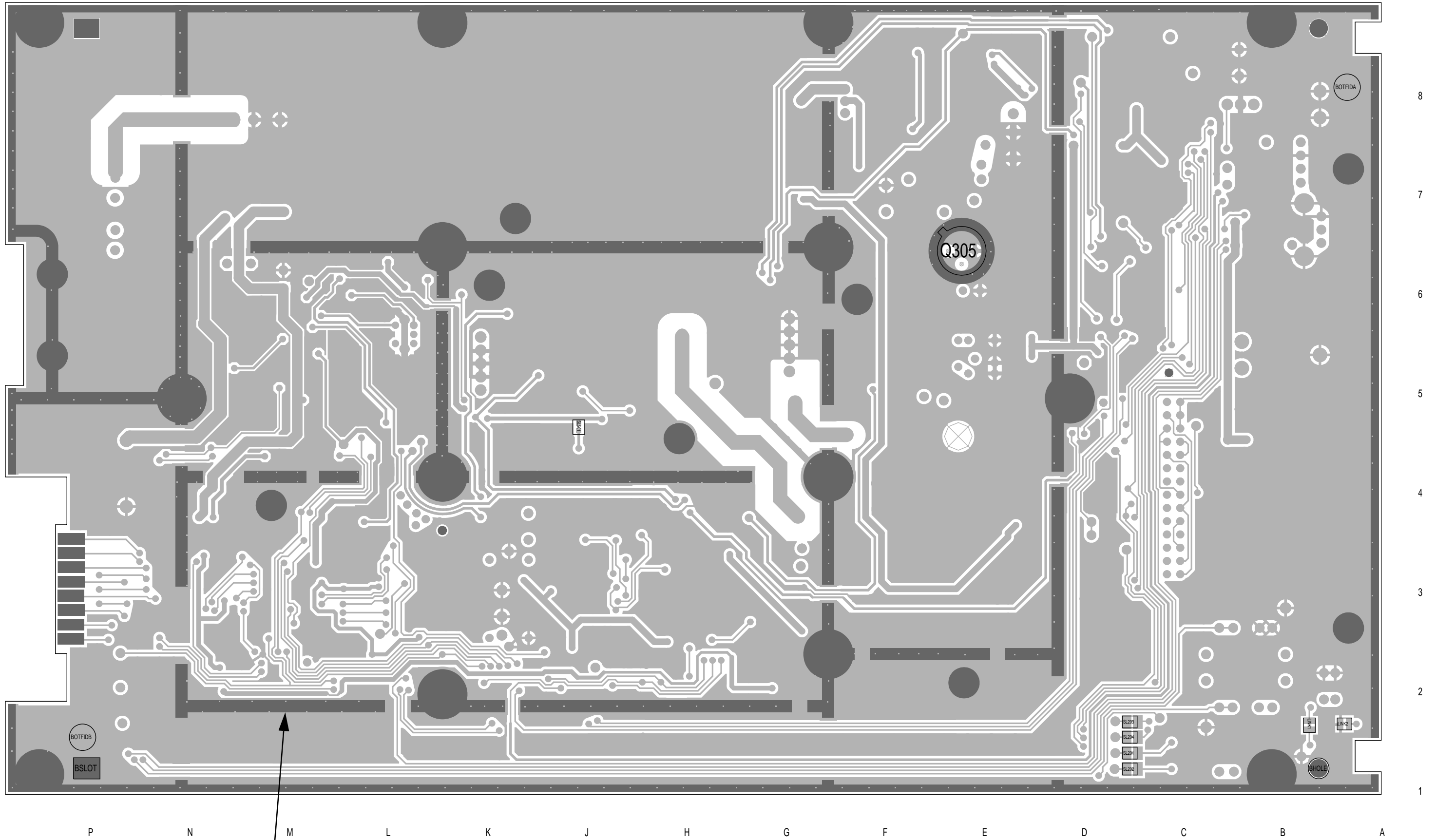


Key

The upper number is the component identification number which appears in the "Legend" column of the Mechanical & Miscellaneous Parts on the facing page.

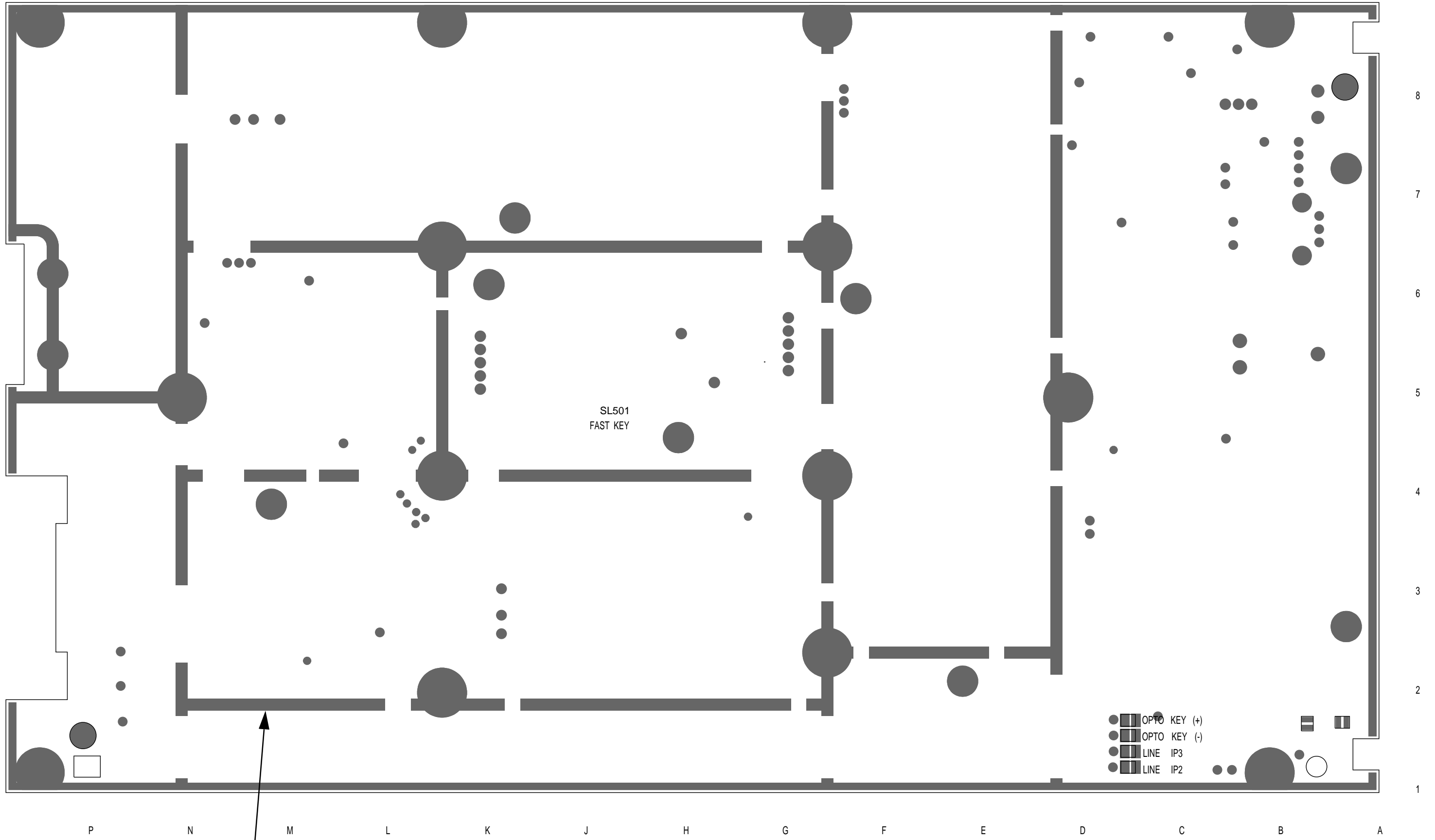
33
2

The lower number indicates how many of this component are used in this location or function.



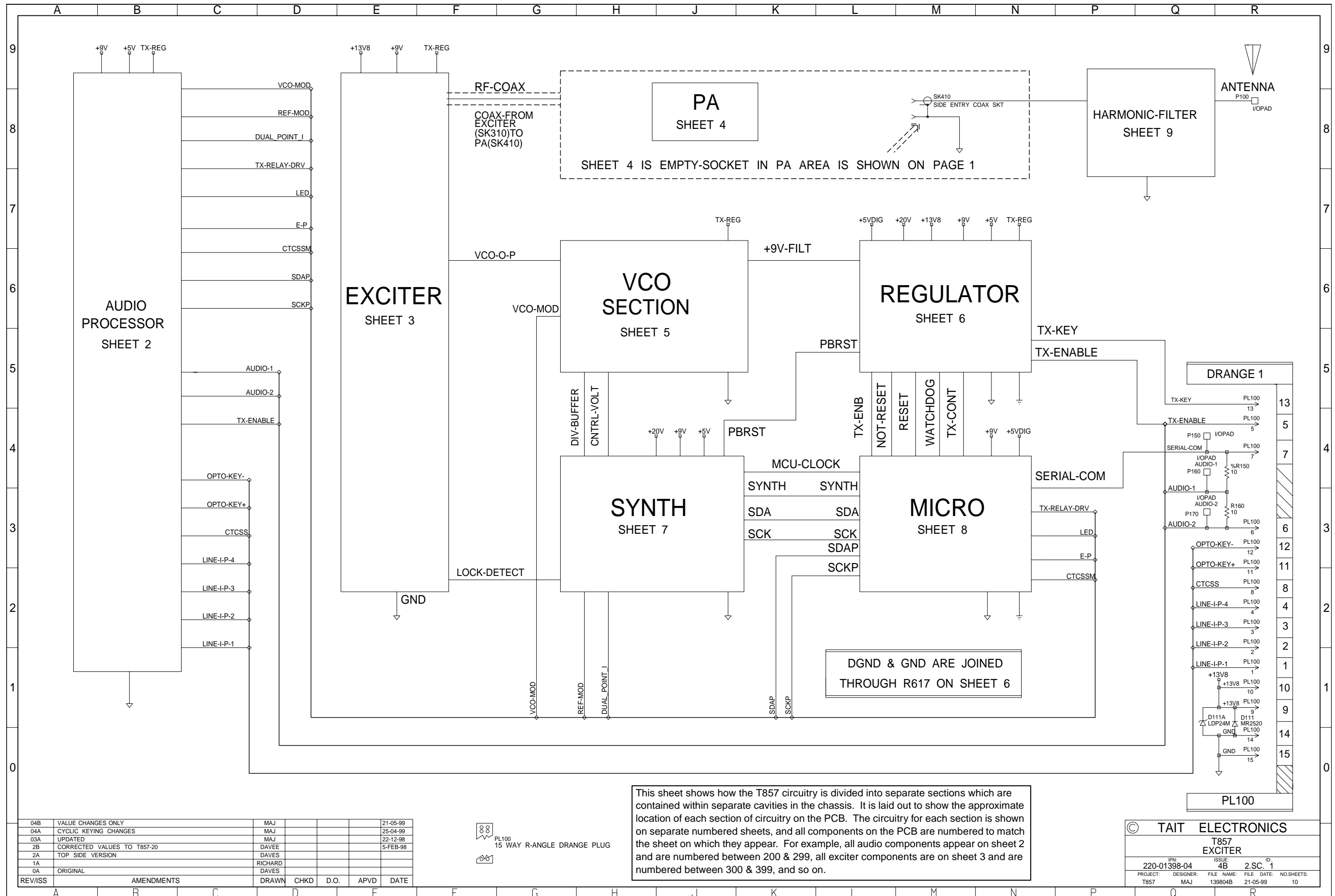
The darker shading shows the footprint of the bottom cover.

T857 PCB Layout - Bottom Side
220-01398-04



The darker shading shows the footprint of the bottom cover.

T857 Test Points & Options Connections - Bottom Side
220-01398-04

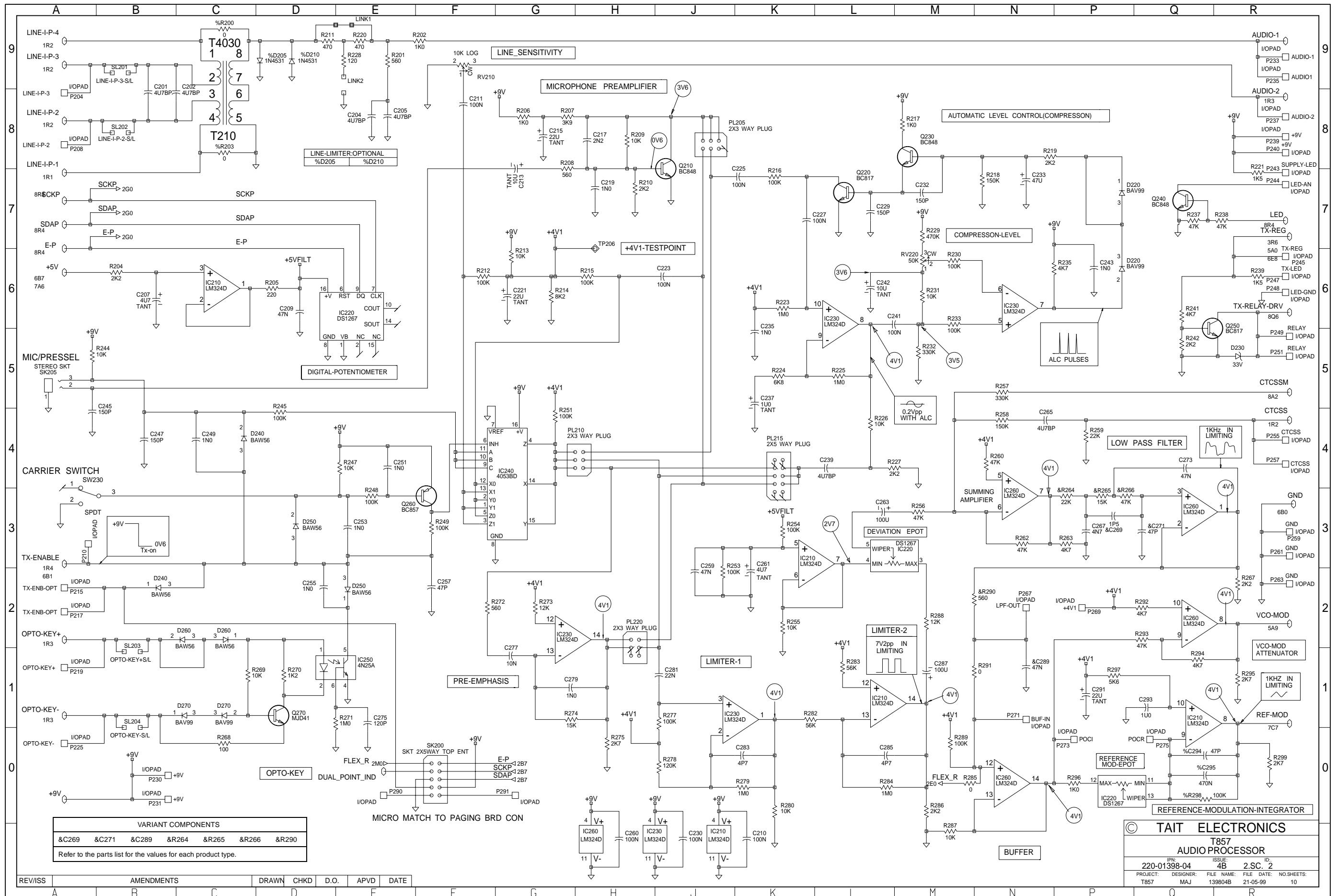


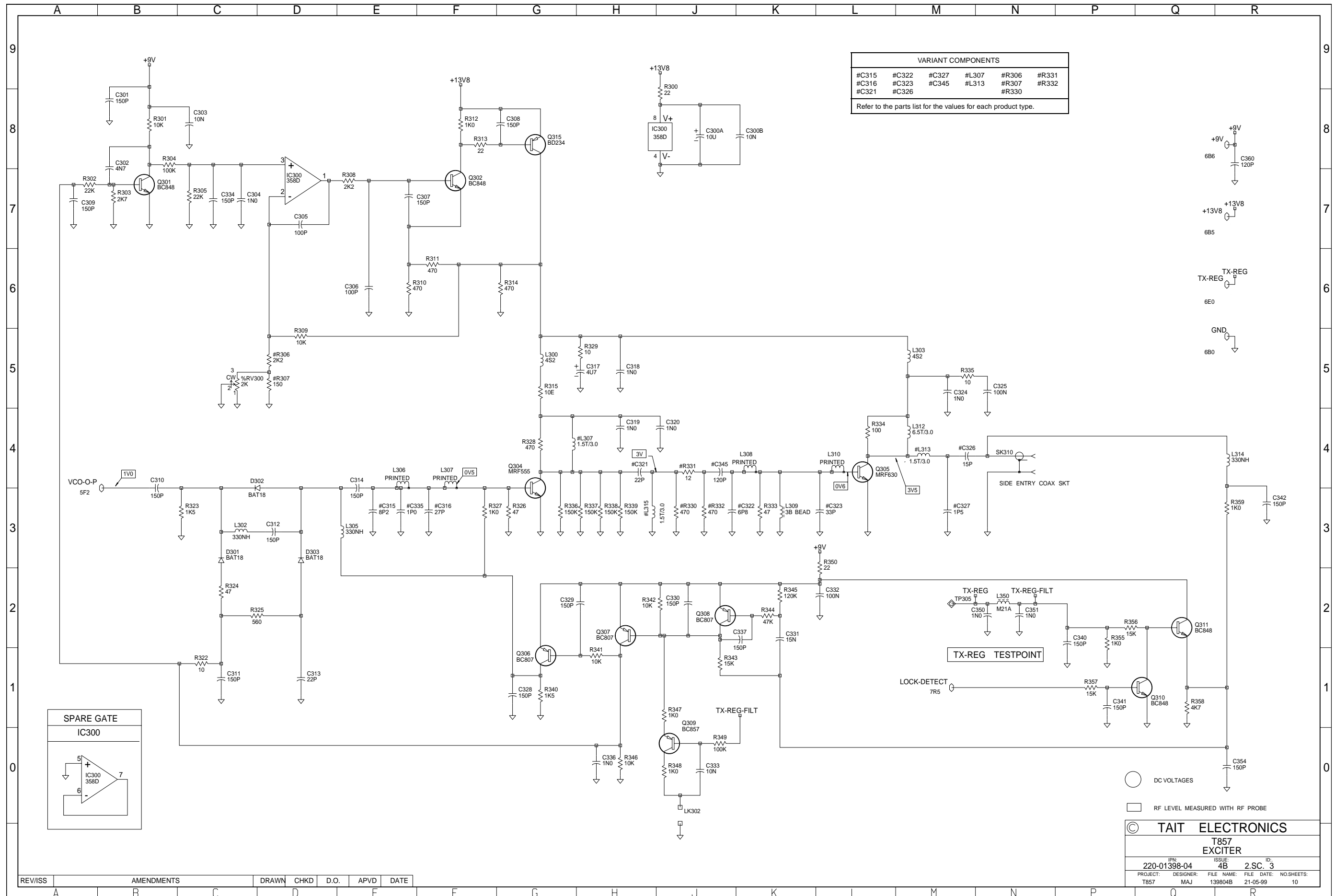
04B	VALUE CHANGES ONLY	MAJ			21-05-99
04A	CYCLIC KEYING CHANGES	MAJ			25-04-99
03A	UPDATED	MAJ			22-12-98
2B	CORRECTED VALUES TO T857-20	DAVEE			5-FEB-98
2A	TOP SIDE VERSION	DAVES			
1A		RICHARD			
0A	ORIGINAL	DAVES			
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD DATE

 PL100
 15 WAY R-ANGLE DRANGE PLUG


This sheet shows how the T857 circuitry is divided into separate sections which are contained within separate cavities in the chassis. It is laid out to show the approximate location of each section of circuitry on the PCB. The circuitry for each section is shown on separate numbered sheets, and all components on the PCB are numbered to match the sheet on which they appear. For example, all audio components appear on sheet 2 and are numbered between 200 & 299, all exciter components are on sheet 3 and are numbered between 300 & 399, and so on.

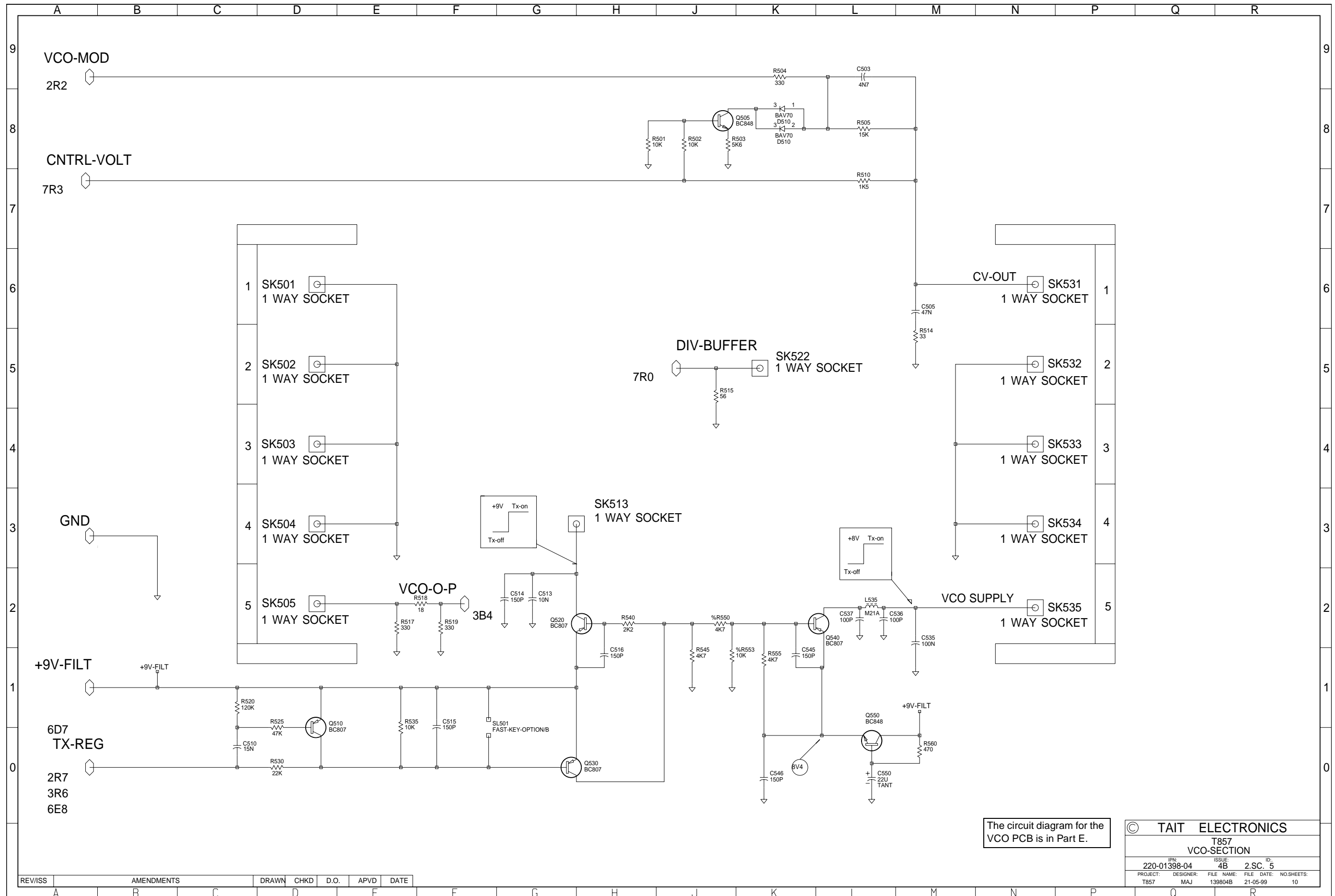
© TAIT ELECTRONICS	
T857 EXCITER	
IPN: 220-01398-04	ISSUE: 4B 2.S.C. 1
PROJECT: T857	DESIGNER: MAJ
FILE NAME: 139804B	FILE DATE: 21-05-99
NO. SHEETS: 10	





SK410 is the only component in this section
of the T857 circuitry and is shown on sheet 1.

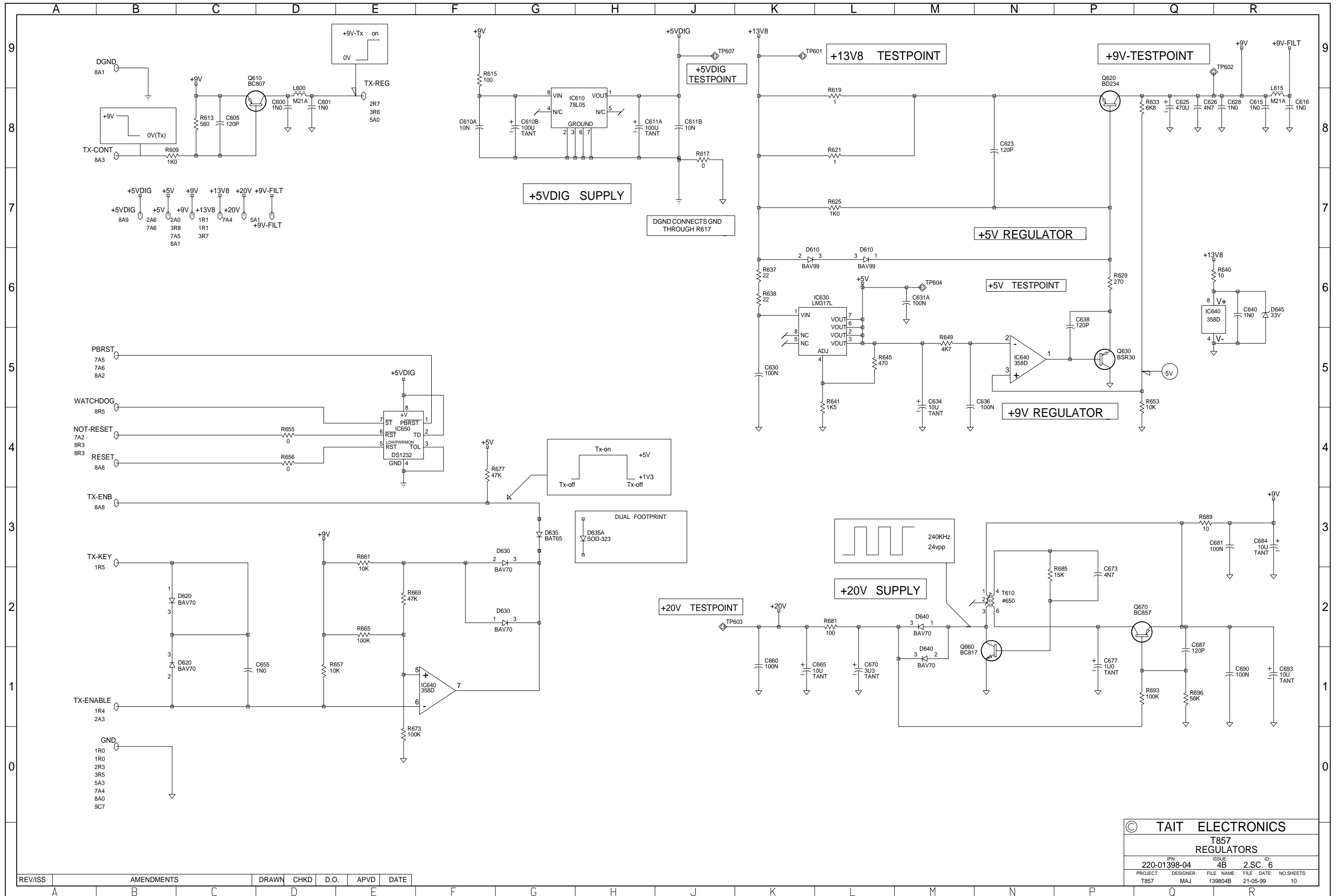
Sheet 4 - Not Used In The T857
220-01398-04



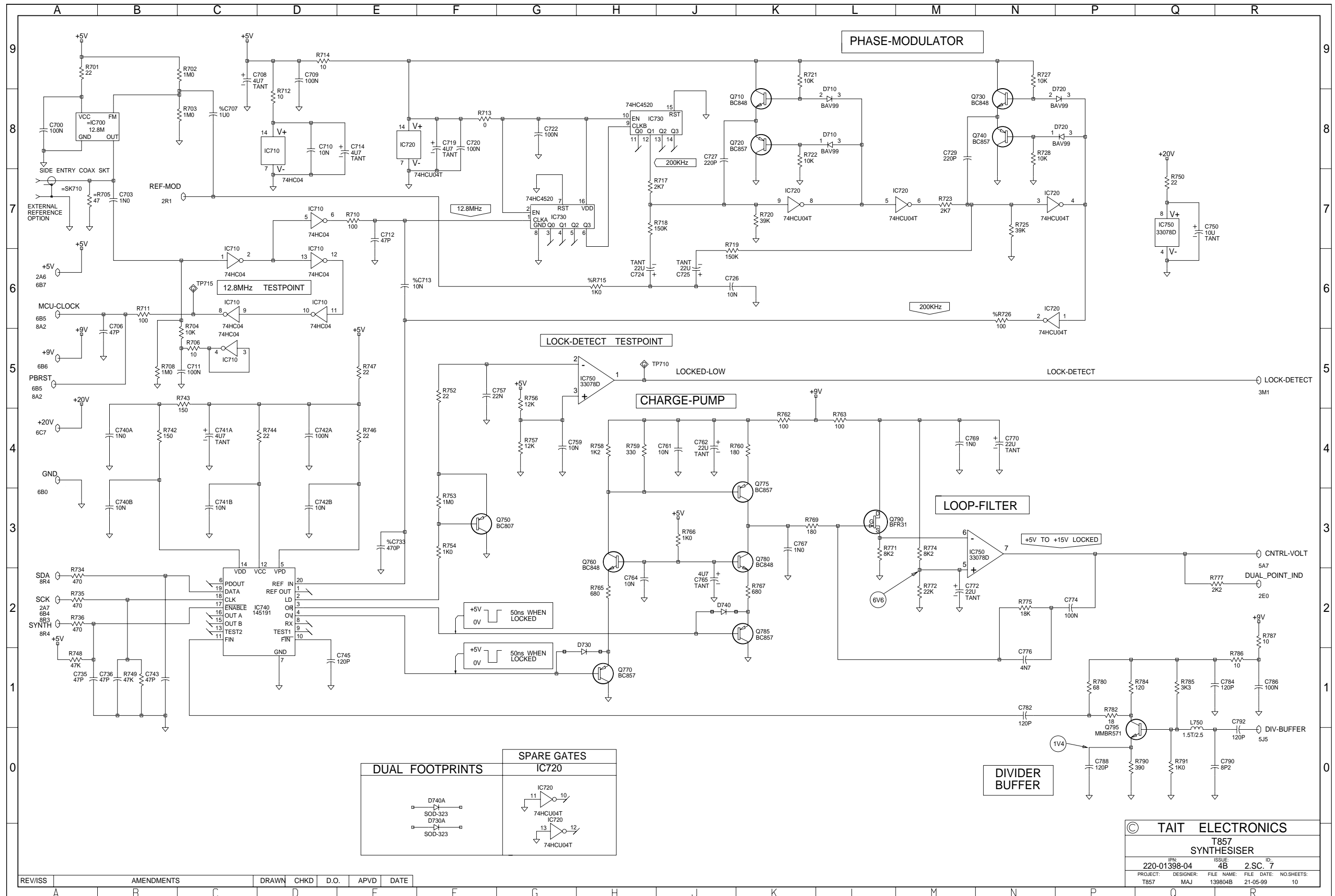
The circuit diagram for the VCO PCB is in Part E.

© TAIT ELECTRONICS	
T857	
VCO-SECTION	
IPN: 220-01398-04	ISSUE: 4B
DESIGNER: MAJ	FILE NAME: 139804B
DATE: 21-05-99	NO. SHEETS: 10

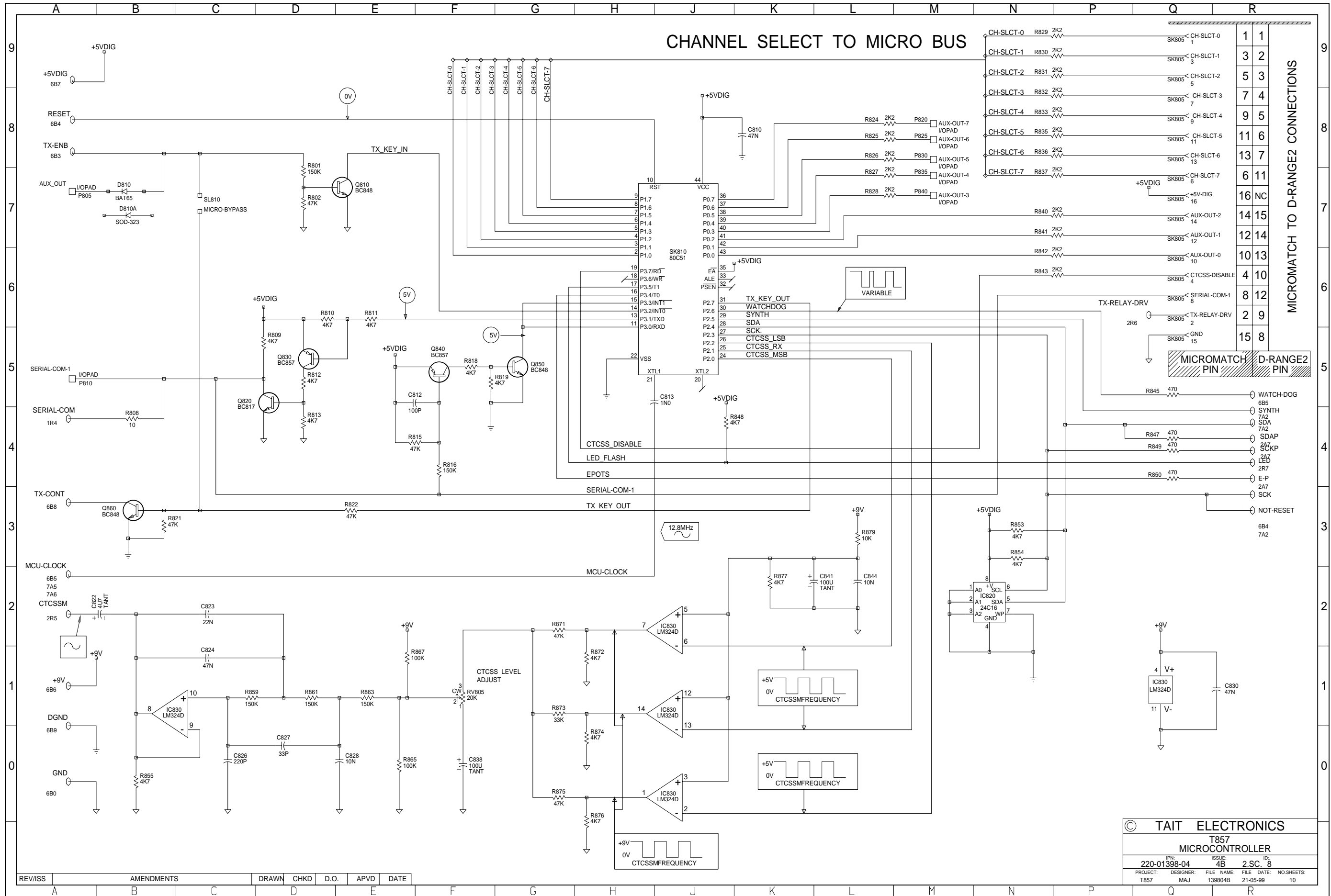
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE
A	B	C	D	E	F	



© TAIT ELECTRONICS	
T857 REGULATORS	
IPN: 220-01398-04	ISSUE: 4E
PROJECT: T857	DESIGNER: MAJ
FILE NAME: 139804B	FILE DATE: 21-05-99
NO SHEETS: 10	

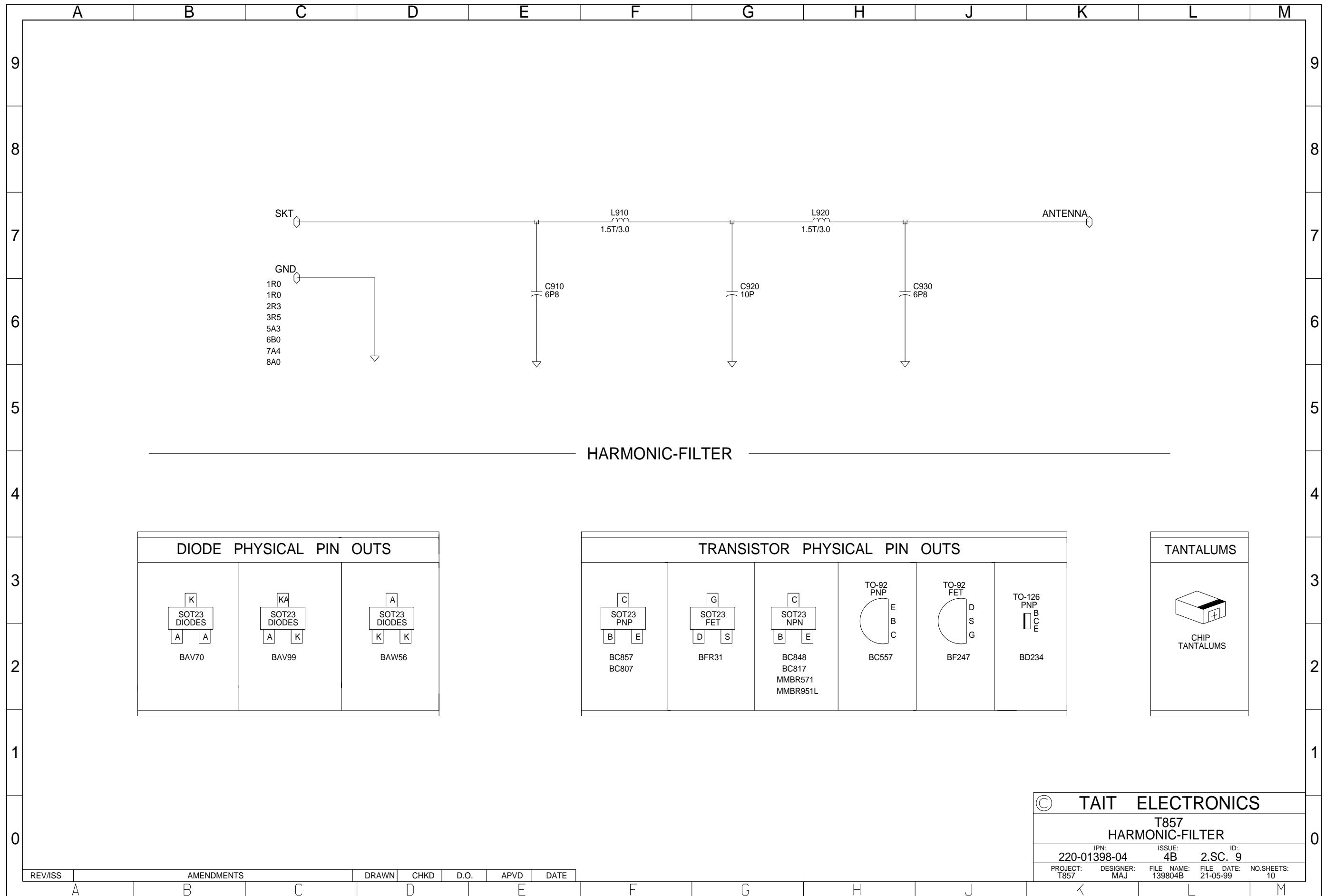


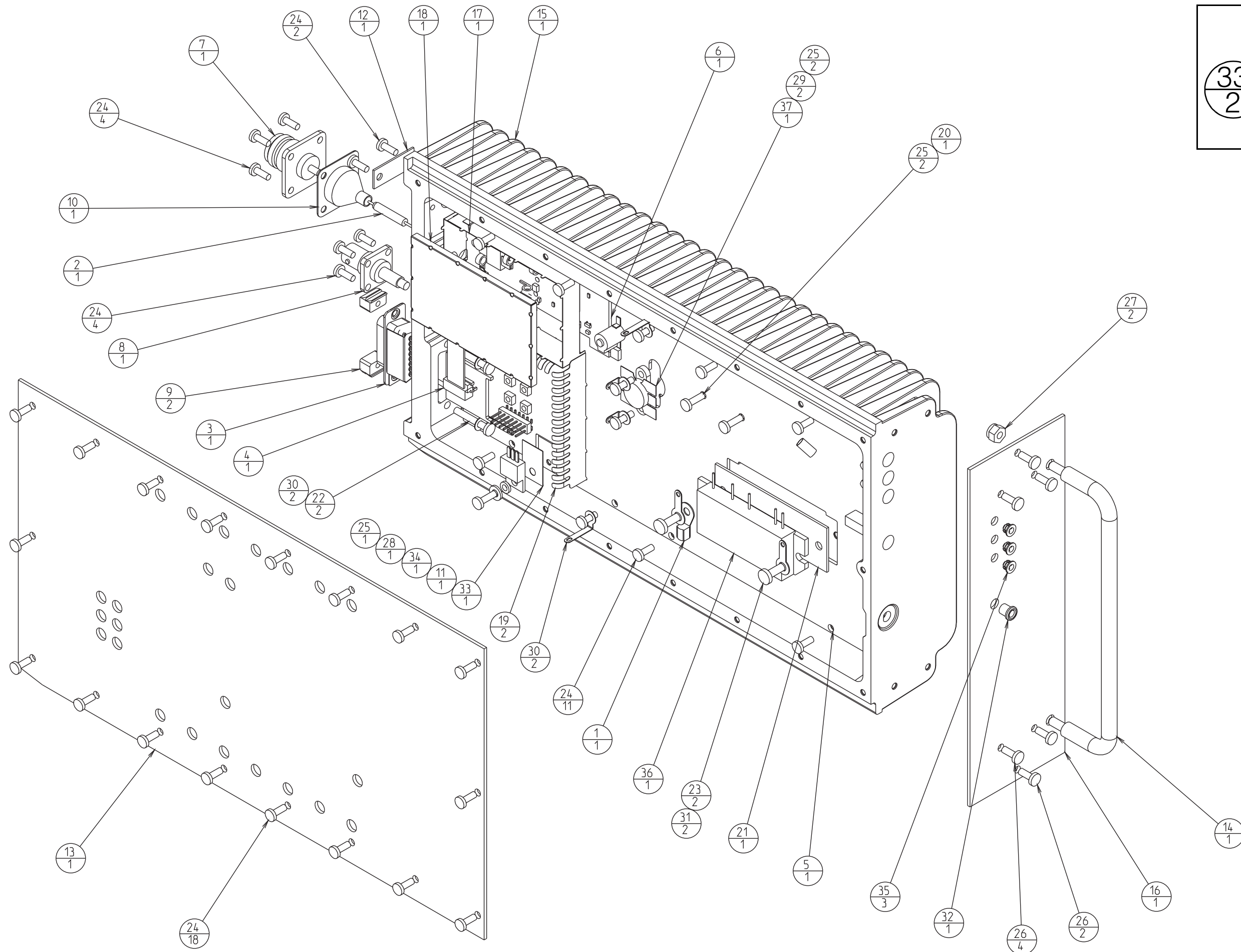
© TAIT ELECTRONICS
T857 SYNTHESISER
IPN: 220-01398-04 ISSUE: 4B 2.SC. 7
PROJECT: T857 DESIGNER: MAJ FILE NAME: 139804B FILE DATE: 21-05-99 NO.SHEETS: 10



MICROMATCH PIN	D-RANGE2 PIN
1	1
3	2
5	3
7	4
9	5
11	6
13	7
6	11
16	NC
14	15
12	14
10	13
4	10
8	12
2	9
15	8

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T857 MICROCONTROLLER
IPN: 220-01398-04, ISSUE: 4E, 2.S.C. 8
PROJECT: T857, DESIGNER: MAJ, FILE NAME: 139804B, FILE DATE: 21-05-99, NO SHEETS: 10



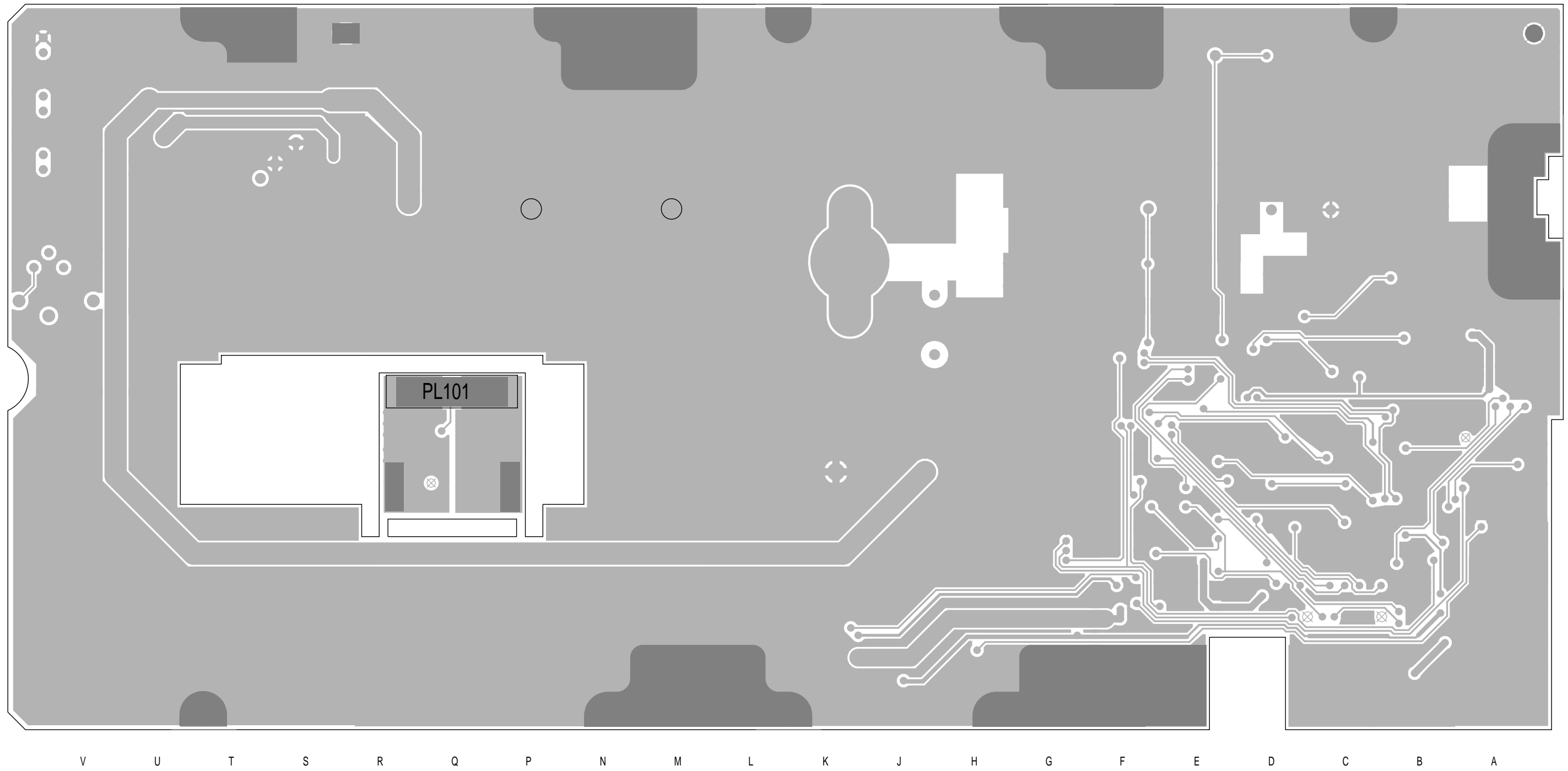


Key

The upper number is the component identification number which appears in the "Legend" column of the Mechanical & Miscellaneous Parts on the facing page.

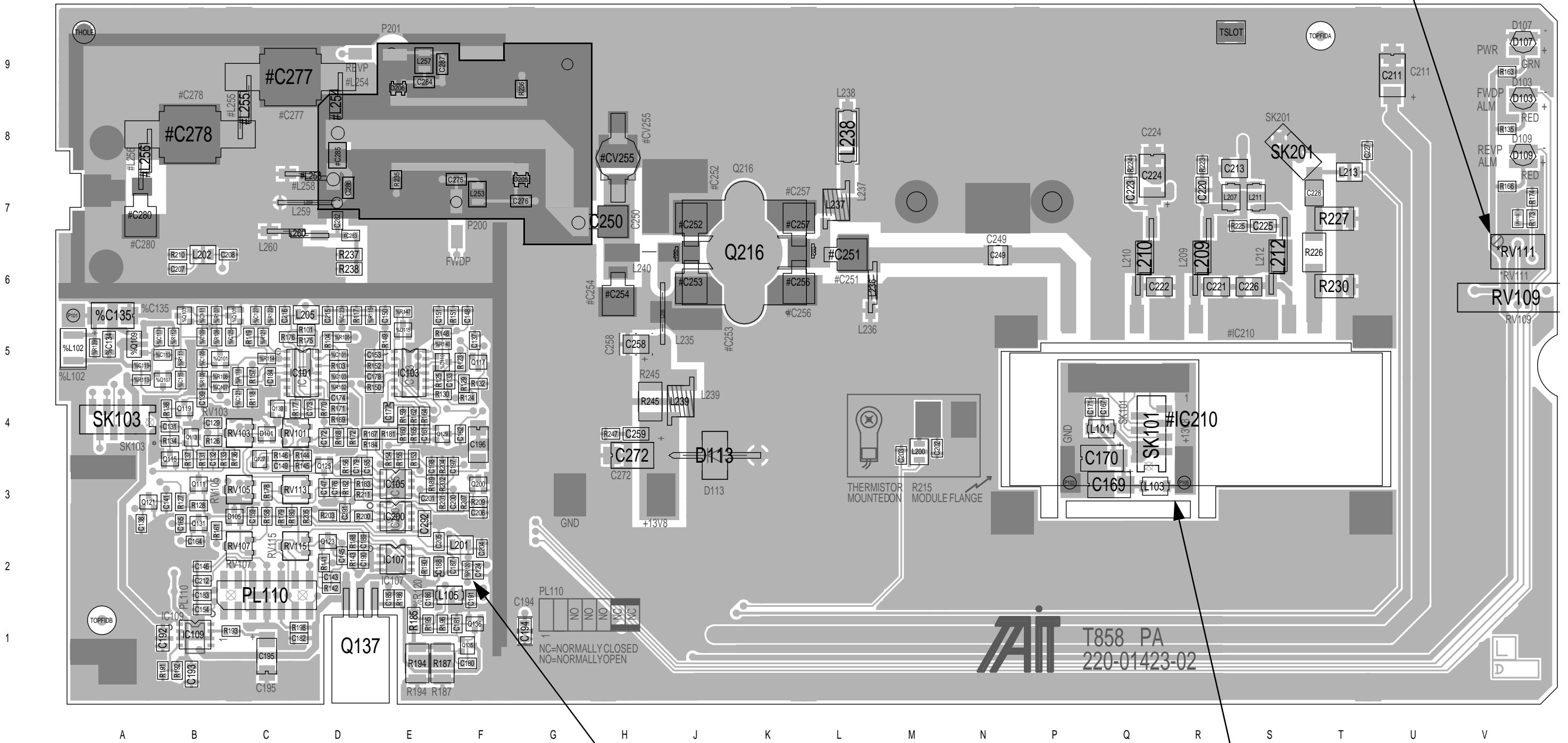
33
2

The lower number indicates how many of this component are used in this location or function.



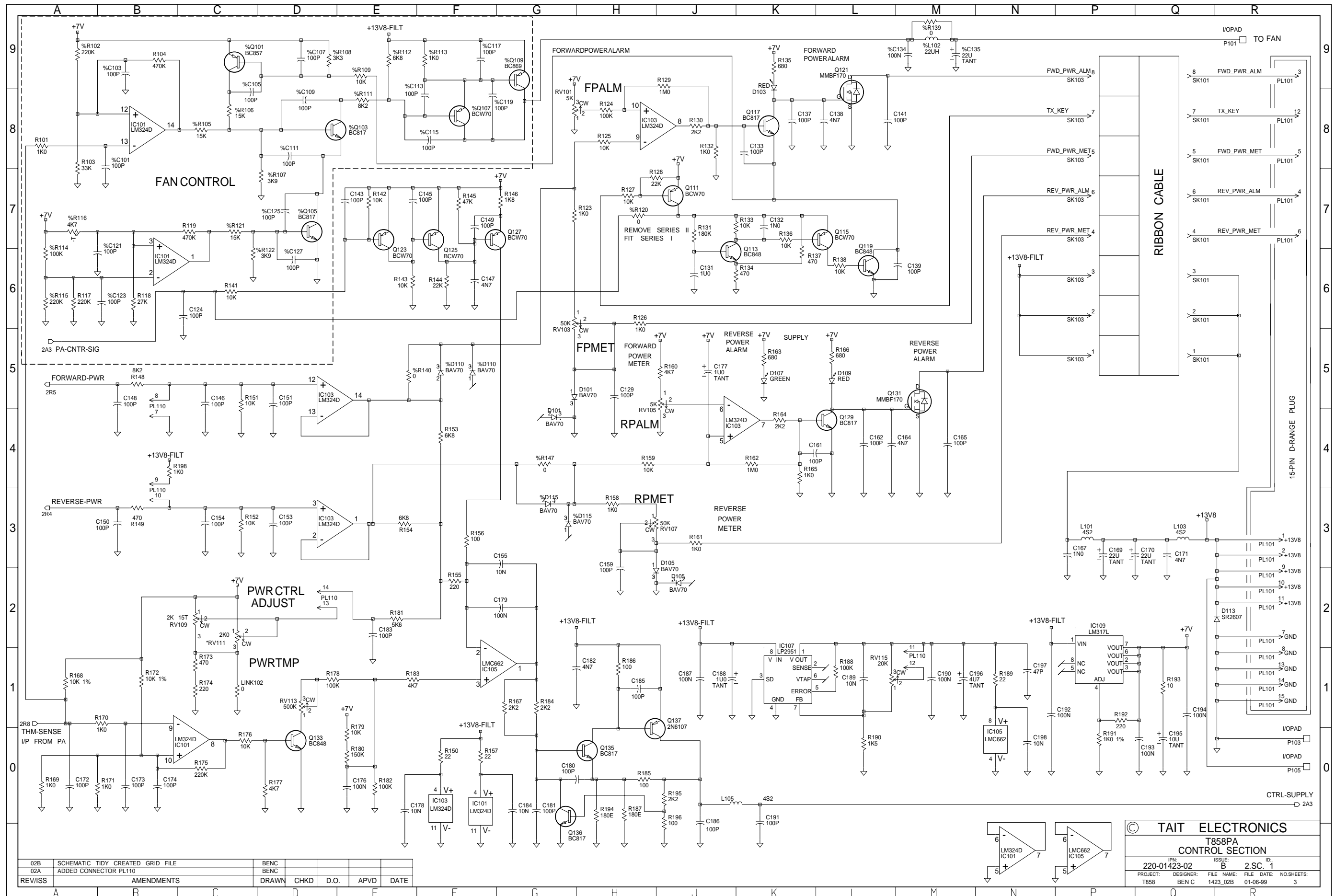
T858 PCB Layout - Bottom Side
220-01423-02

*RV111 may be fitted instead of RV109 to convert the output power adjustment to internal access only.



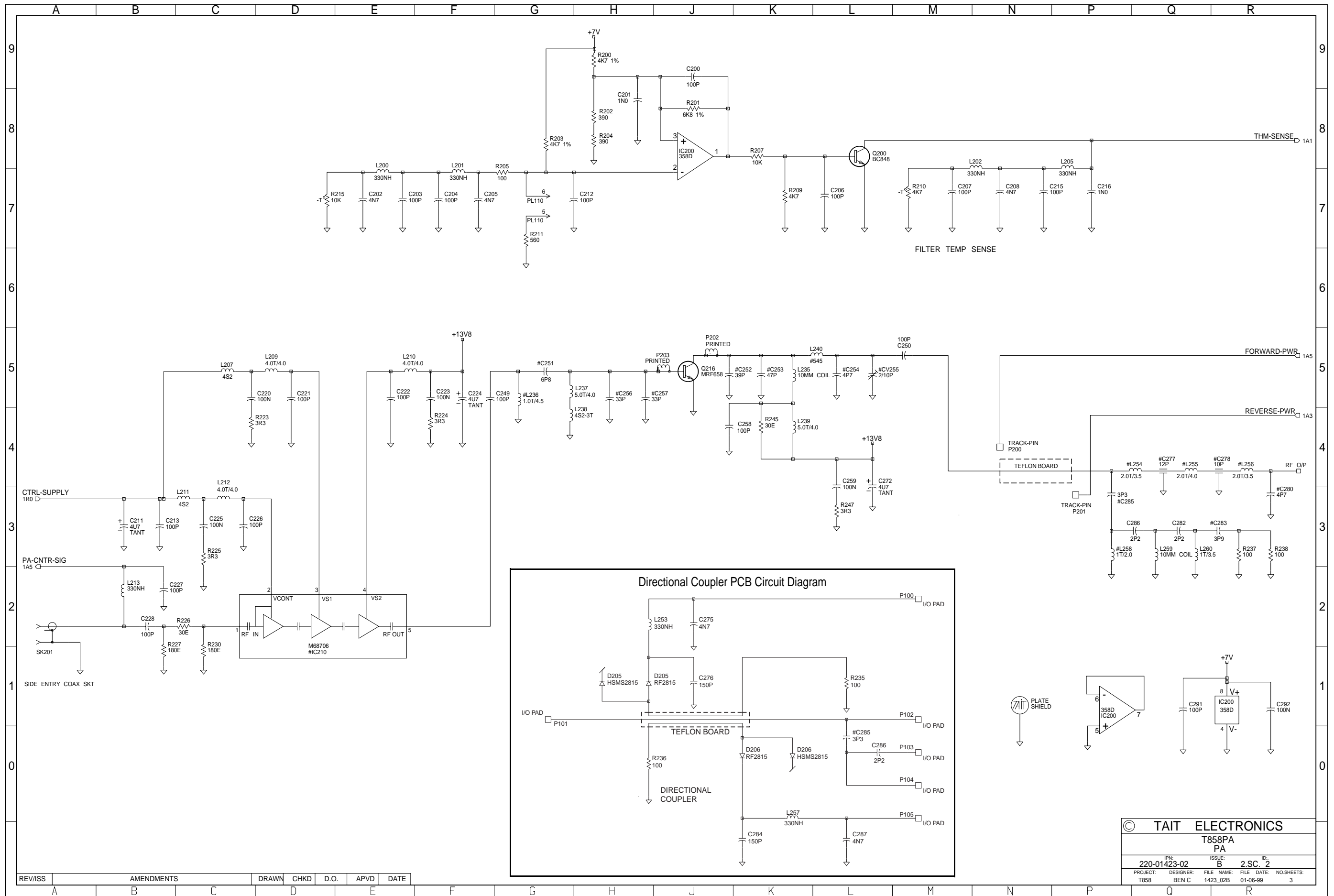
%R120 is fitted to Series I compatible PAs only.

The circuitry for the break-off D-range PCB is shown on the control section circuit diagram.



02B	SCHEMATIC TIDY CREATED GRID FILE	BENC				
02A	ADDED CONNECTOR PL110	BENC				
REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE

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T858PA
CONTROL SECTION
 IPN: 220-01423-02 ISSUE: B 2.SC. 1
 PROJECT: T858 DESIGNER: BEN C FILE NAME: 1423_02B FILE DATE: 01-06-99 NO.SHEETS: 3



REV/ISS	AMENDMENTS	DRAWN	CHKD	D.O.	APVD	DATE
A	B	C	D	E	F	G

© TAIT ELECTRONICS			
T858PA PA			
IPN:	ISSUE:	DESIGNER:	ID:
220-01423-02	B	BEN C	2.SC. 2
PROJECT:	FILE NAME:	FILE DATE:	NO SHEETS:
T858	1423_02B	01-06-99	3