

**GLENSOUND
ELECTRONICS LTD**

GSGC11 & GSGC2

**Multi Wire
Commentators Equipment**

PRODUCT DETAILS

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GLENSOUND ELECTRONICS LTD

GSGC11 WITH GSGC2

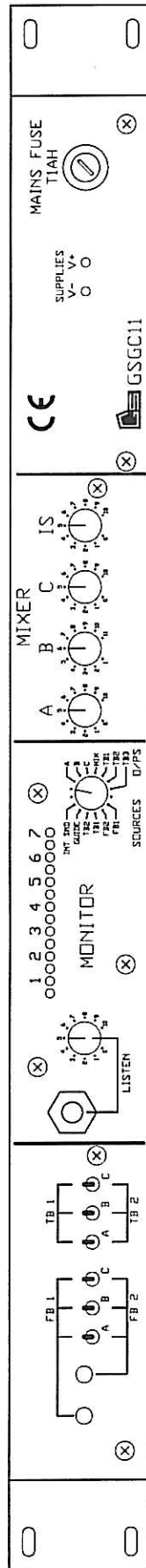
HANDBOOK CONTENTS

DATE 12/08/98

FILE No. AP06-169

ISSUE No. 3

DESCRIPTION	DRAWING No.
<u>GENERAL</u>	(Pink Sheets)
1. GSGC11 Panel Views	A2-13164
2. GSGC2 Panel Views	A2-12506
3. GSGC11 & 2 Block Diagram	A3-13186
<u>GSGC11</u>	(White Sheets)
4. GSL34 I/P Circuit Diagram	A2-13180
5. GSL34 Mix & O/P Circuit Diagrams	A2-13178
6. GSL34 Mon Circuit Diagrams	A3-13182
7. GSL19 PPM Circuit Diagram	A3-13130
8. GSL34 PSU Distribution	A4-13184
9. GSE21A PSU Circuit Diagram	A4-13188
<u>GSGC2</u>	(Blue Sheets)
10. GSH76 Circuit Diagram	A2-12510
<u>WIRING INFORMATION</u>	(Yellow Sheets)
11. GSGC11	AP40-75
12. GSGC2	AP40-44
13. Interconnecting Leads	A3-12517



© 1996 GLENSOUND ELECTRONICS LTD	GSGC11 BASE STATION FOR GSGC2 COMMENTATOR BOXES	ISSUE	DATE	DRAWING NUMBER
		1	03-12-96	A2-13164
				DRAWN BY
				ORIGINALLY DRAWN USING EASYTRAX

ISSUE	DATE
1	21-10-93
2	27-10-93
3	19-01-94
4	25-08-94

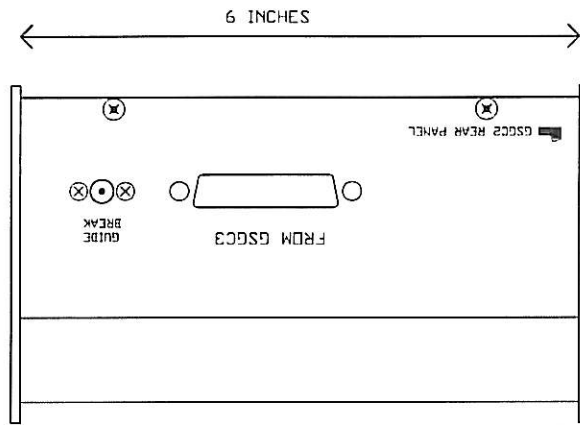
COMMS BOX
 TYPE GSGC2
 VIEWS

DRAWING NUMBER

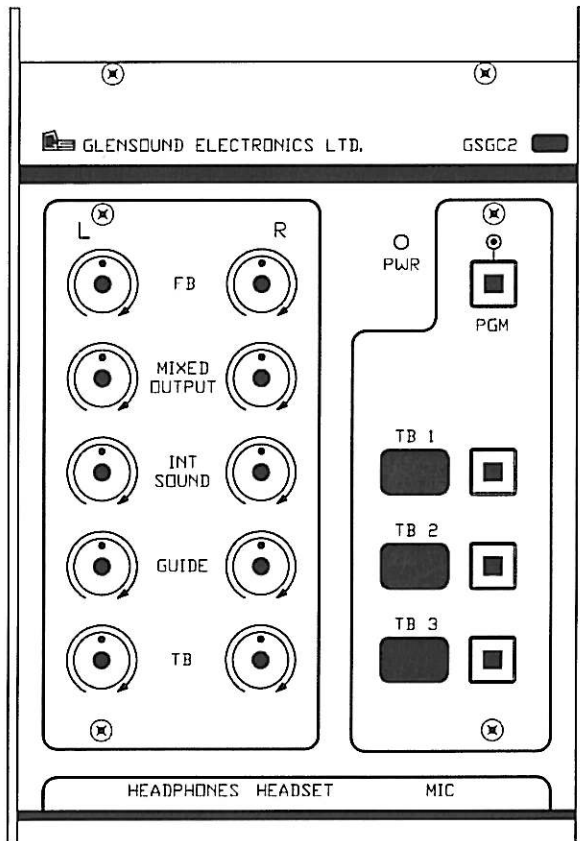
A2-12506

ORIGINALLY DRAWN USING EASYTRAX

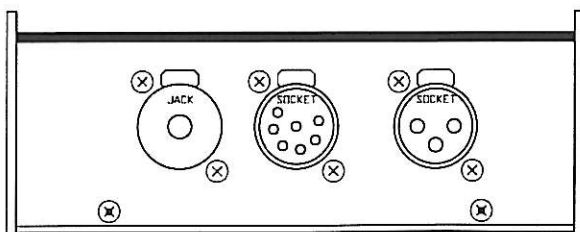
REAR
 PANEL



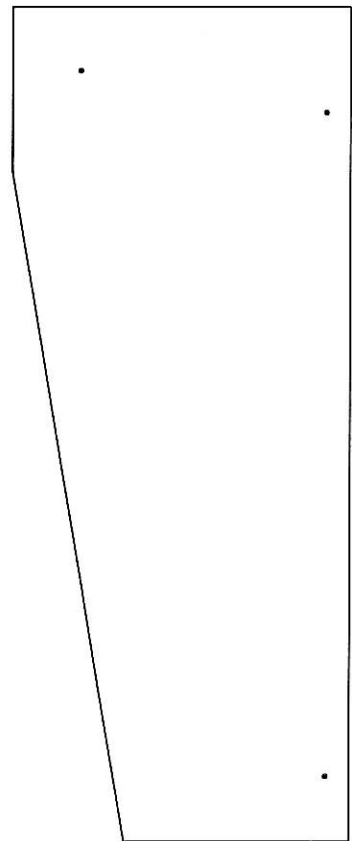
SLOPING
 PANEL



FRONT
 PANEL

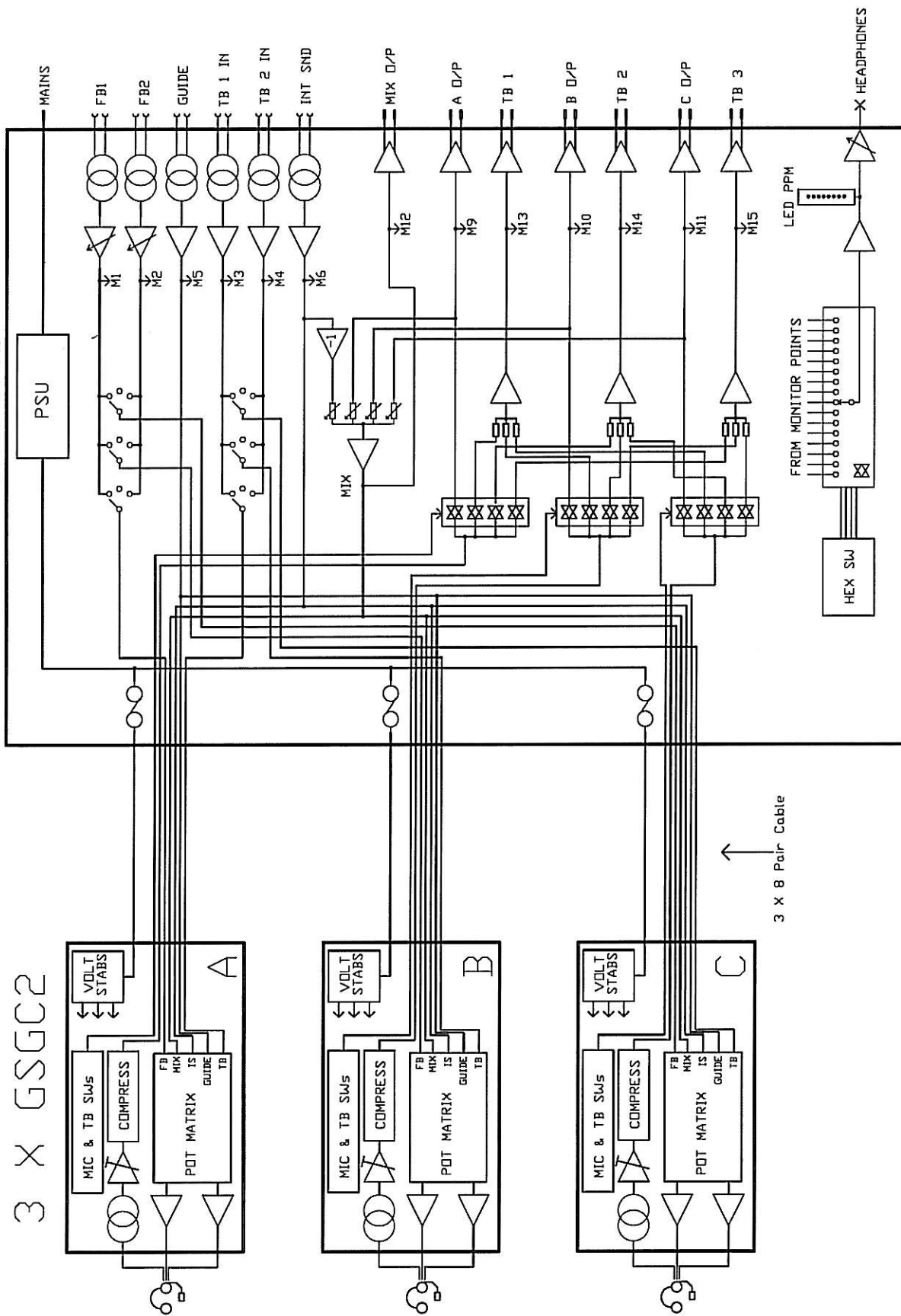


SIDE
 VIEW



GSGC11

3 X GSGC2



3 X 8 Pair Cable

GSGC2 & 11 BLOCK DIAGRAM

ISSUE	DATE	DRAWING NUMBER
1	06/01/97	A3-13186
		DRAWN BY
		ORIGINALLY DRAWN USING EASYTRAX

ISSUE	DATE
1	13/12/96
2	06/01/97
3	06/02/97

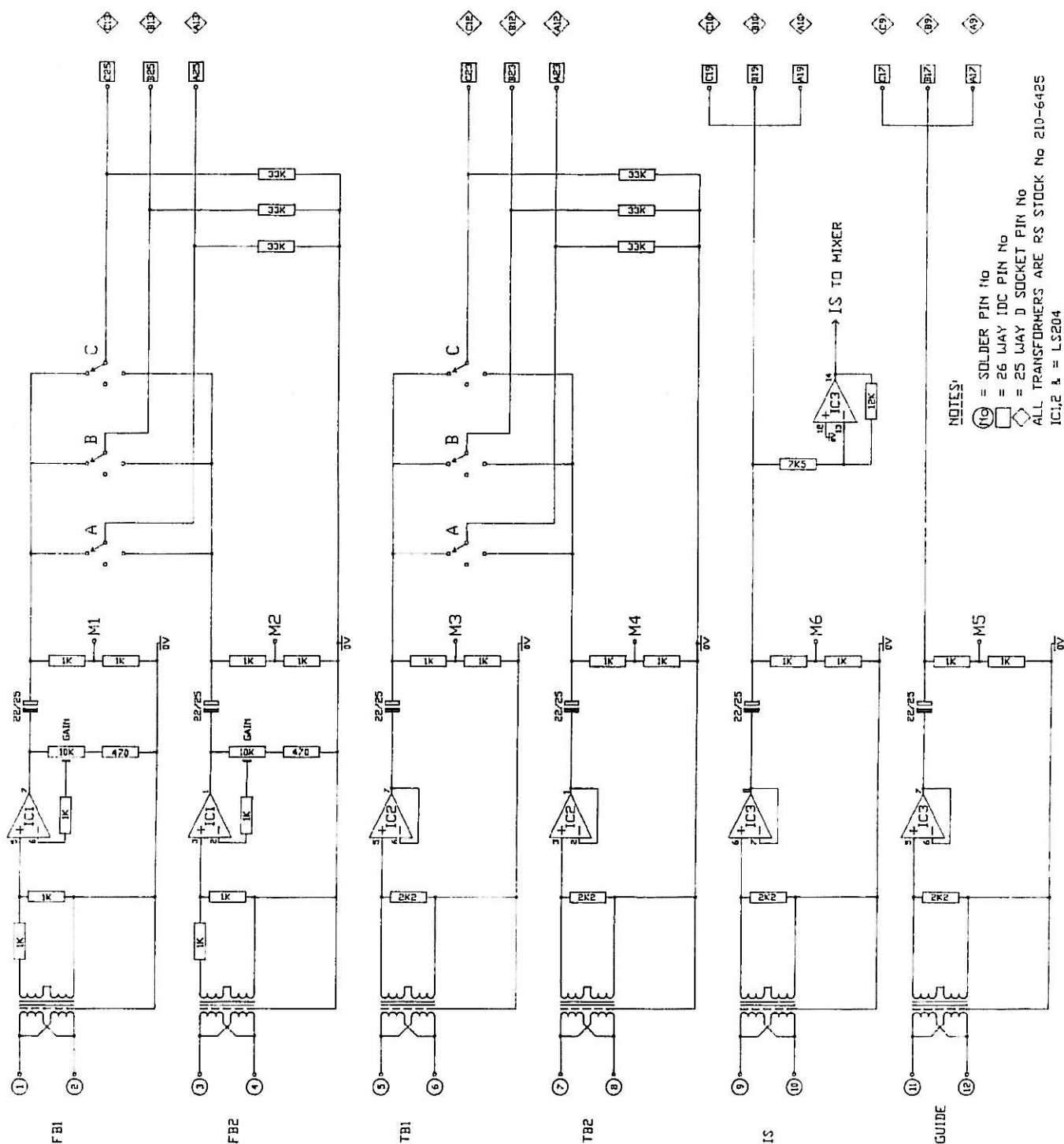
GSL34 INPUT CIRCUITS

DRAWING NUMBER

A2-13180

DRAWN BY	AMD
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ORIGINALLY DRAWN USING EASYTRAX



NOTES

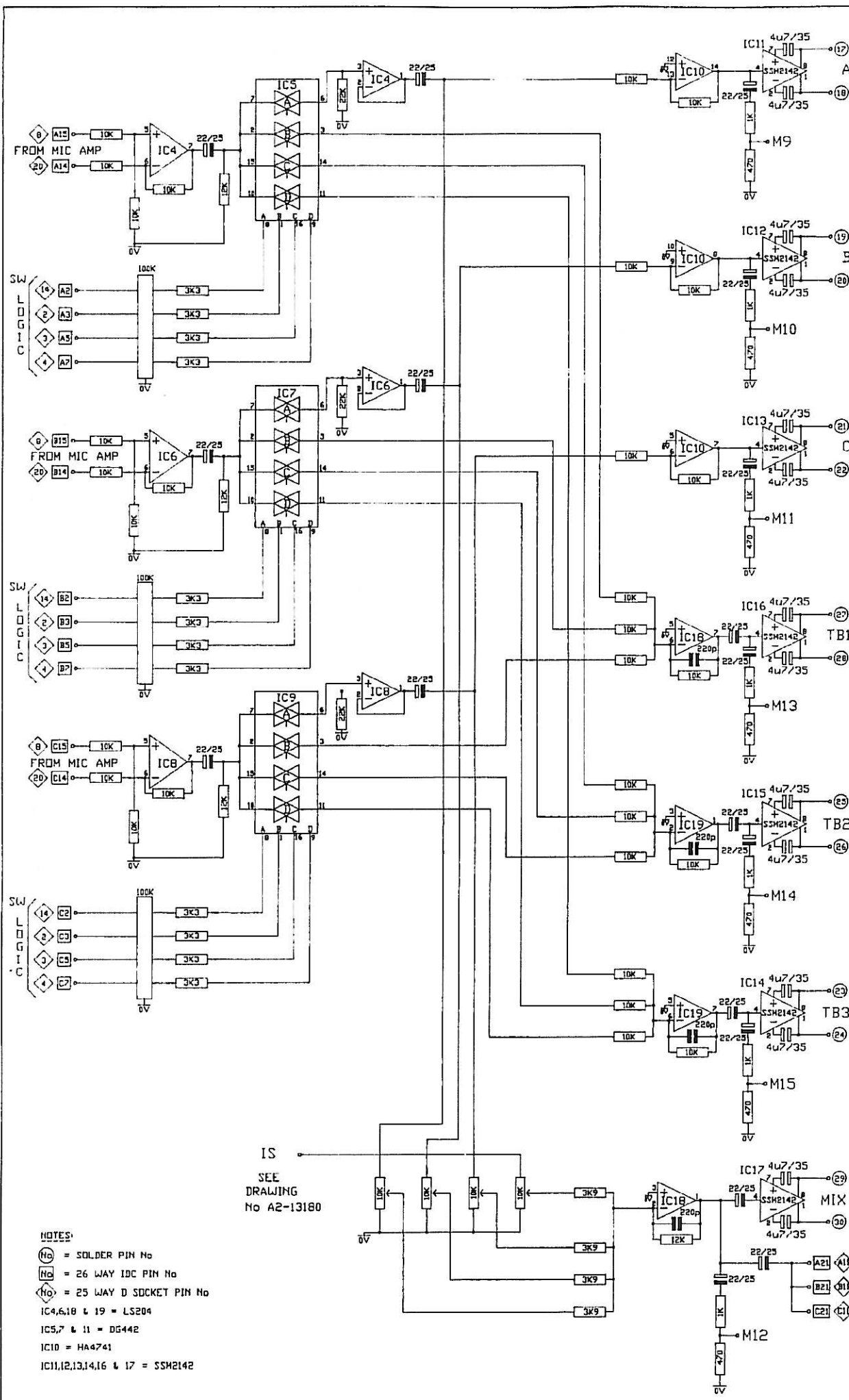
Q = SOLDER PIN NO

= 26 WAY IDC PIN NO

ALL TRANSFORMERS ARE RE STOCKED
= 25 WAY D SOCKET PIR No

ALL TRANSFURMEN
ICI,2 A = LS204

IC3 = RC4156 DR HA4741



GLEN SOUND ELECTRONICS LTD	© 1996	GSGC11	GSL34 MIX & OUTPUT CIRCUITS	ISSUE	DATE	DRAWING NUMBER
				1	13/12/96	A2-13178
				2	07/01/97	
				3	07/02/97	
				DRAWN BY	AMD	ORIGINALY DRAWING USING EASYTRAX

NOTES:
 (No) = SOLDER PIN No
 (No) = 26 WAY IDC PIN No
 (No) = 25 WAY D SOCKET PIN No
 IC4,6,18 & 19 = LS204
 IC5,7 & 11 = DG442
 IC10 = HA4741
 IC11,12,13,14,16 & 17 = SSM2142

SEE
 DRAWING
 No A2-13180



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ISSUE

DATE

1

16/12/96

2

07/01/97

3

06/02/97

GSL34

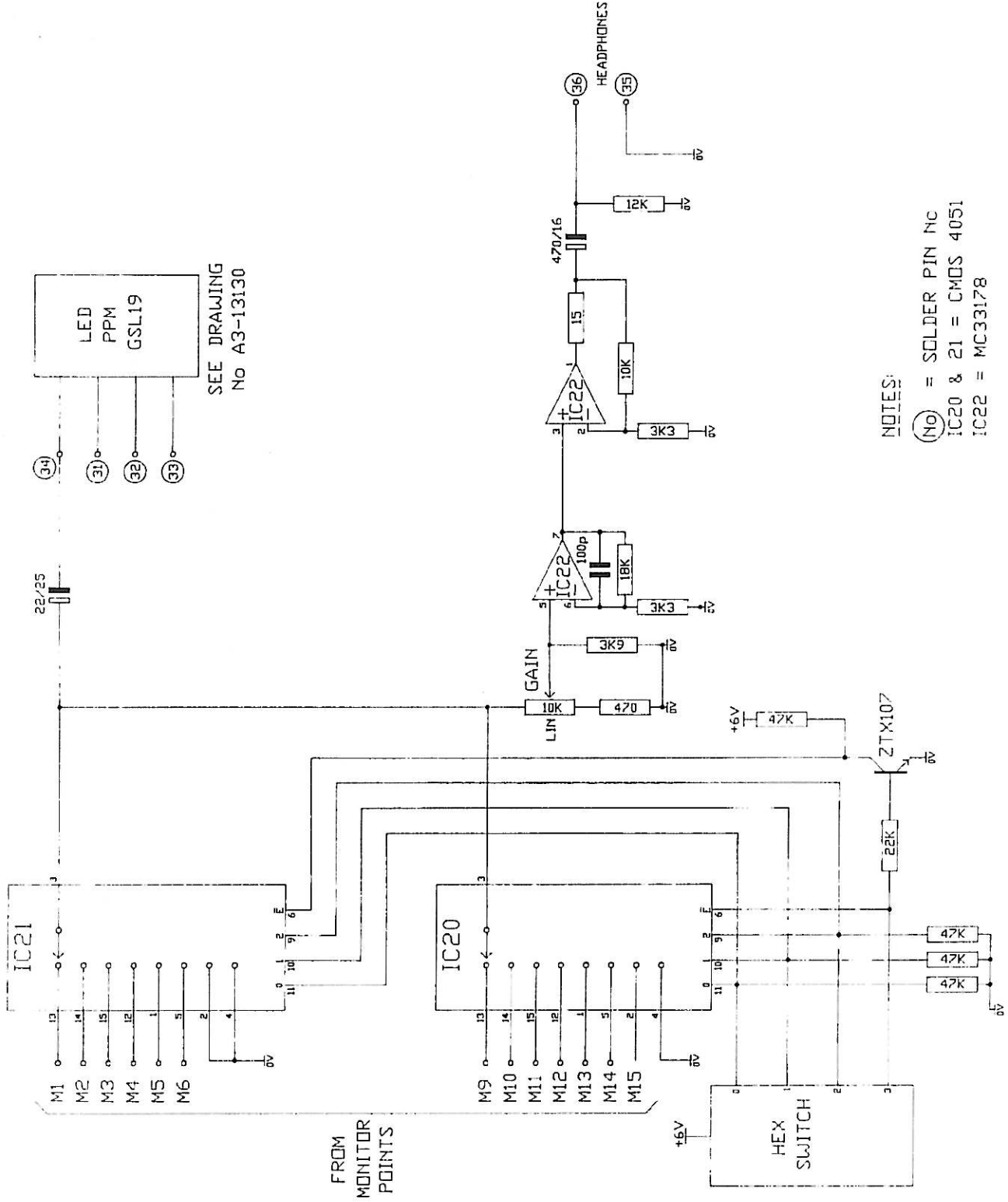
MONITORING CIRCUITS

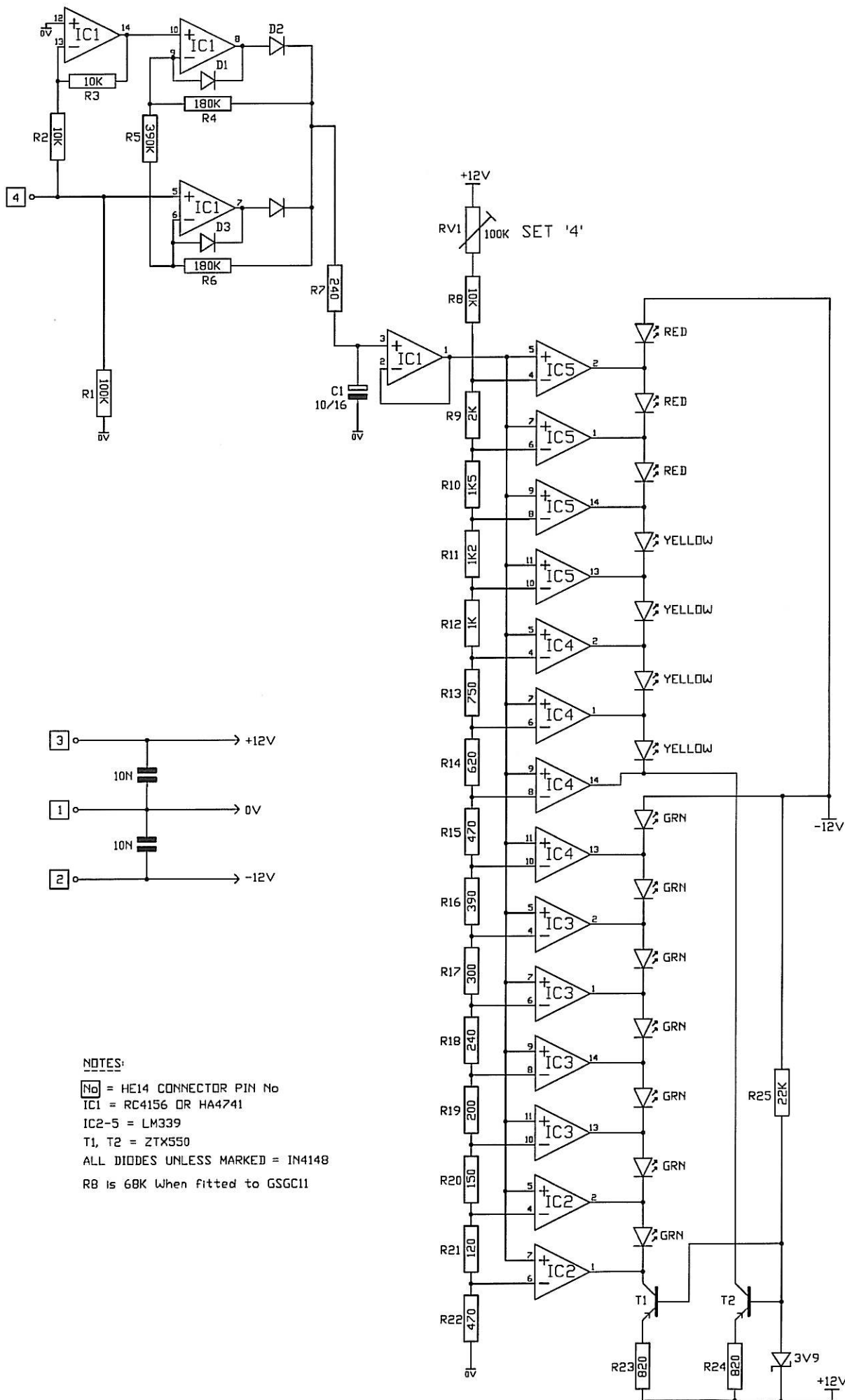
DRAWING NUMBER

A3-13182

DRAWN BY

ORIGINAL DRAWN USING EASYTRAK





DRAWING NUMBER
A3-13130

DATE
21/10/96

ISSUE
1

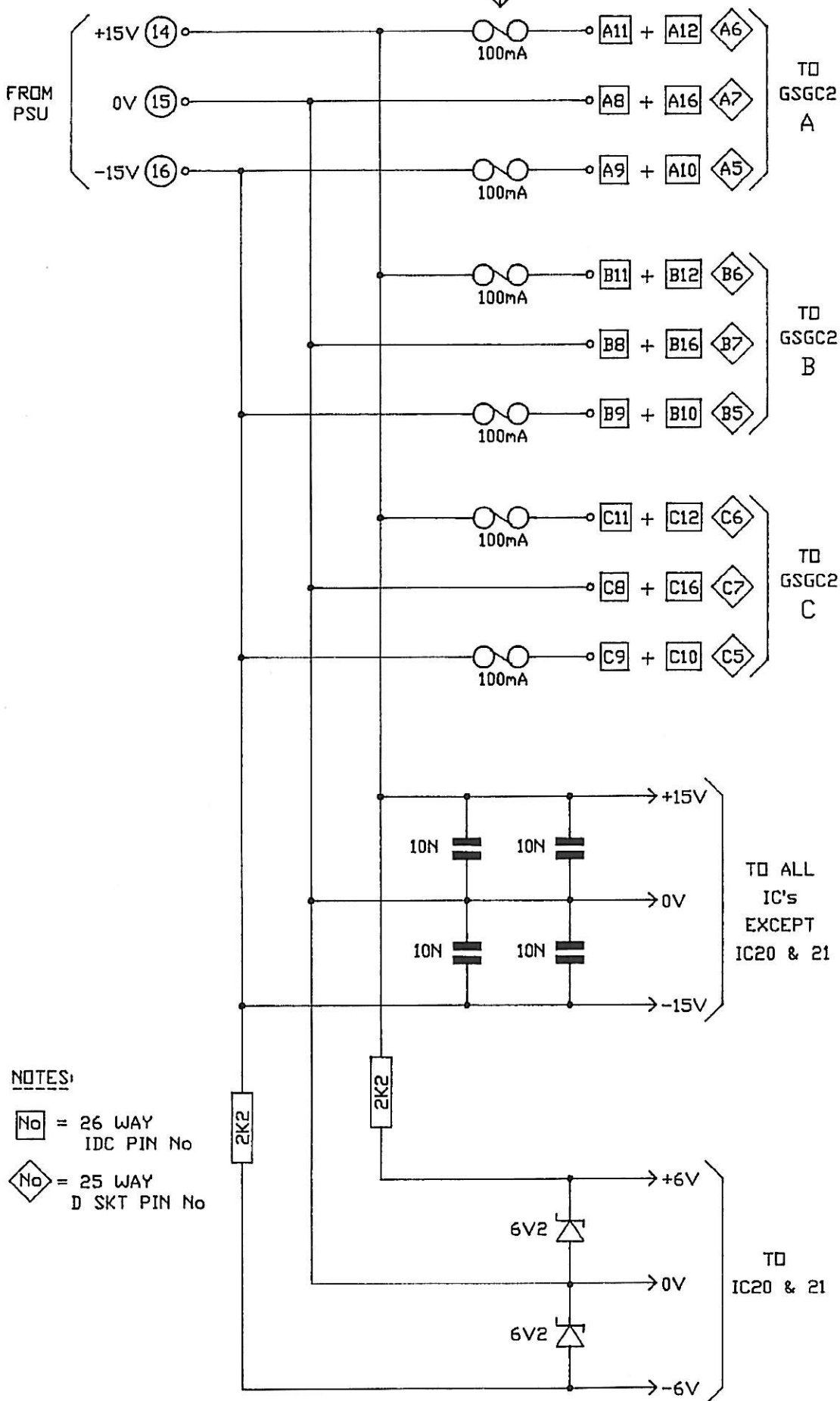
DRAWN BY
AMD

ORIGINALLY DRAWN USING EASYTRAX

GSL19
LED COLUMN PPM CIRCUIT DIAGRAM

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ALL FUSES ARE RE-SETTABLE



NOTES:

- [No] = 26 WAY IDC PIN No
 [No] = 25 WAY D SKT PIN No

DRAWING NUMBER

A4-13184

ORIGINALLY DRAWN USING EASYTRAX

DATE

18/12/96

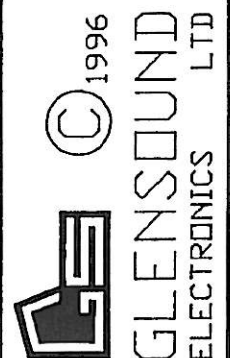
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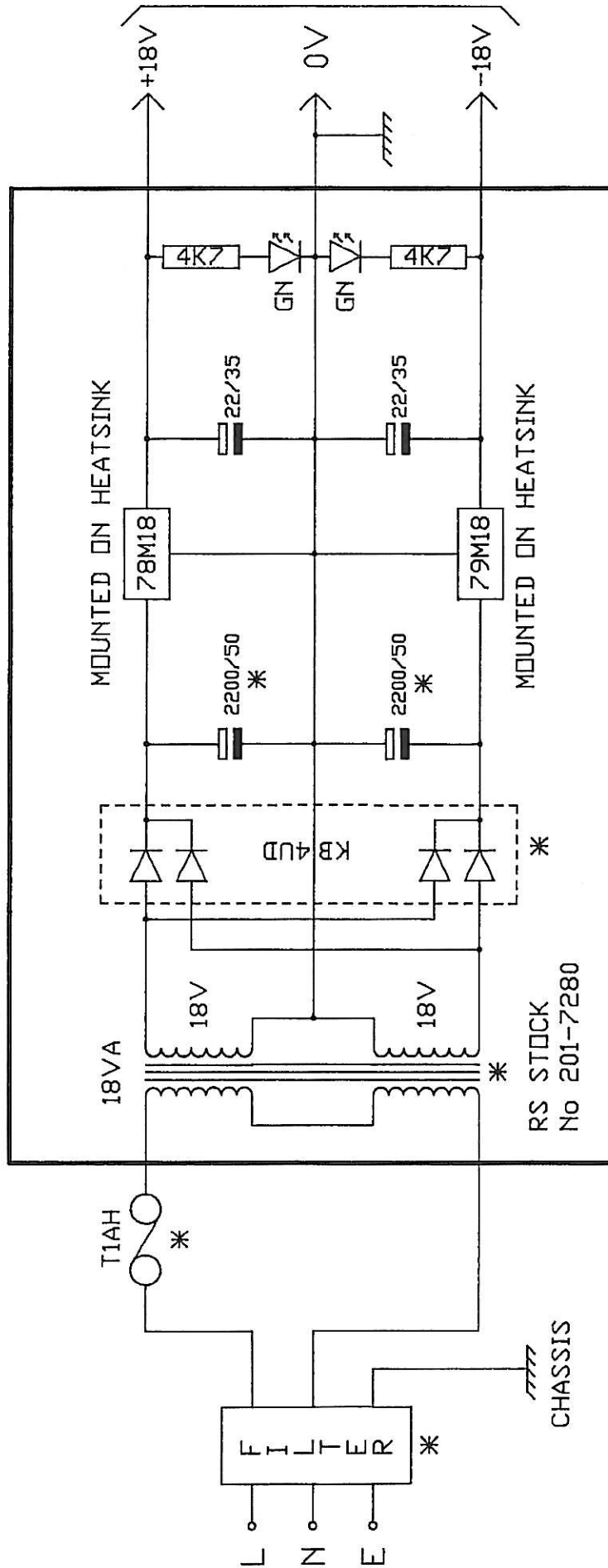
1

2

3

GSGC11
 GSL34 POWER DISTRIBUTION





NOTES:

* THESE COMPONENTS ARE SAFETY CRITICAL

MAINS FILTER = SCHAFFNER FN9223-1-06

 © 1997 GLEN SOUND ELECTRONICS LTD	GSE21A PSU CIRCUIT DIAGRAM			ISSUE	DATE	DRAWING NUMBER
				2	6/02/97	A4-13188
				3	10/02/97	
				4	10/11/97	DRAWN AMD
				5	10/03/98	ORIGINALLY DRAWN USING EASYTRAX

ISSUE	DATE
1	09/11/93
2	21/04/94
3	12/08/98

92HS76

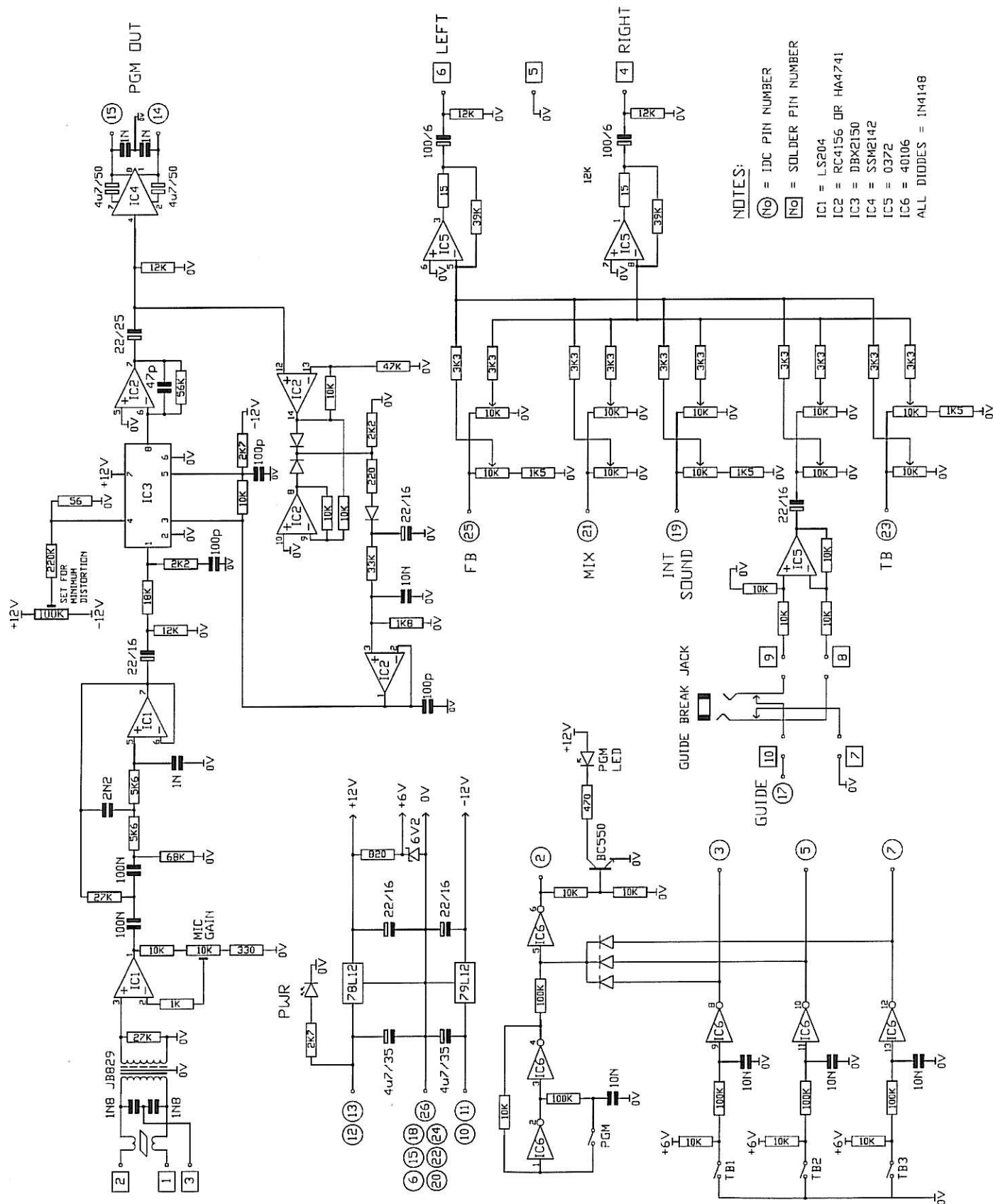
CIRCUIT DIAGRAM

DRAWING NUMBER

A2-12510

DRAWN BY LD

DRAWN USING EASYTRAX





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WIRING INFORMATION FOR GSGC11 1U SUB-RACK BASE STATION

CONN TYPE No	FUNCTION	WIRED TO	TYPE	COLOURS
1	V38P Outputs	GSL34		
	Pins E,F PF A	Pins 18,17	TP	
	Pins B,C PF B	Pins 20,19	TP	
	Pins J,K PF C	Pins 22,21	TP	
	Pins R,S TB 3	Pins 24,23	TP	
	Pins T,U TB 2	Pins 26,25	TP	
	Pins Z,AA TB 1	Pins 28,27	TP	
	Pins BB,CC MIX	Pins 30,29	TP	
	Pins A,H,D,L,P,DD,HH = Screens	Chassis	7/0.2	
2-4	D25S To GSGC2 C,B & A			
	Pin 1 Chassis	These D connectors are wired directly to the PCB GSL34 via ribbon cables and 26 way IDC connectors		
	Pin 2 TB1 Logic			
	Pin 3 TB2 Logic			
	Pin 4 TB3 Logic			
	Pin 5 -15v			
	Pin 6 +15v			
	Pin 7 0v			
	Pin 8 PGM out in Phase			
	Pin 9 Guide			
	Pin 10 Int Sound			
	Pin 11 Mix			
	Pin 12 TB			
	Pin 13 FB			
	Pin 14 Spk to PGM Logic			
	Pin 15 No Connection			
	Pin 16 No Connection			
	Pin 17 0v			
	Pin 18 -15v			
	Pin 19 +15v			
	Pin 20 PGM out Mate			
	Pin 21 0v			
	Pin 22 0v			
	Pin 23 0v			
	Pin 24 0v			
	Pin 25 0v			
5	V38S Sources	GSL34		
	Pins E,F FB 1	Pins 1,2	TP	
	Pins B,C FB 2	Pins 3,4	TP	
	Pins J,K TB 1	Pins 5,6	TP	
	Pins R,S TB 2	Pins 7,8	TP	
	Pins T,U Int Sound	Pins 9,10	TP	
	Pins Z,AA Guide	Pins 11,12	TP	
	Pins A,H,D,L,P,DD = Screens	Chassis	7/0.2	

NOTES 1) V = VARICON. D = D CONN. X = XLR. P = FIXED PLUG. S = FIXED SOCKET

2) TW = TWISTED WIRES, TP = TWISTED PAIR, SP = SCREENED PAIR, SS = SINGLE SCREENED WIRE



GLENSOUND ELECTRONICS LTD

WIRING INFORMATION FOR GSGC11 1U SUB-RACK BASE STATION

NOTES 1) V = VARICON. D = D CONN. X = XLR. P = FIXED PLUG. S = FIXED SOCKET

2) TW = TWISTED WIRES, TP = TWISTED PAIR, SP = SCREENED PAIR, SS = SINGLE SCREENED WIRE

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WIRING INFORMATION FOR GSGC2 COMMENTATORS BOX

CONN No	TYPE	FUNCTION
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1	XLR7	Headset Socket
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Pin 1	= Ground
Pin 2	= MIC in Phase
Pin 3	= MIC Mate
Pin 4	= L Ear in Phase
Pin 5	= L Ear Mate
Pin 6	= R Ear in Phase
Pin 7	=R Ear Mate



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ISSUE

DATE

1

22/04/94

WIRING DETAILS
FOR GSGC2 & 3
INTERCONNECTING
LEADS

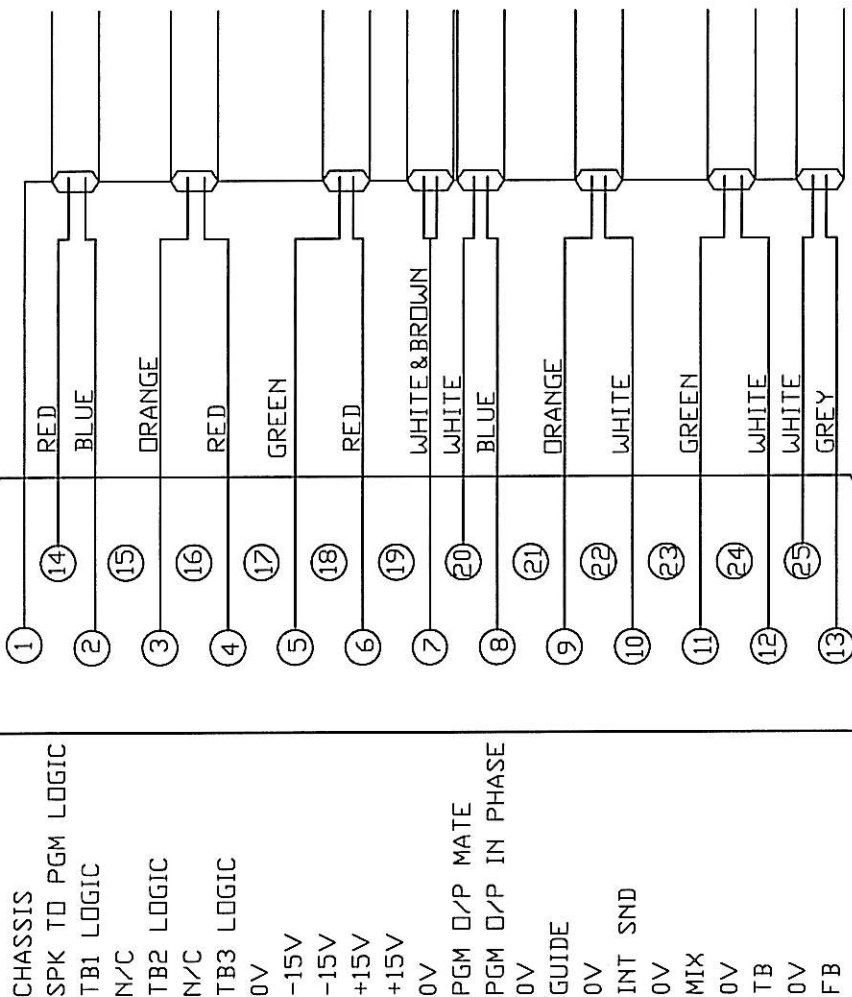
DRAWING NUMBER

A3-12517

DRAWN BY

AMD

ORIGINALLY DRAWN USING EASYTRAX



NOTES

- 1) CABLE USED IS CANFORD FSM8
- 2) ONE END HAS 25WAY D PLUG
- 3) OTHER END HAS 25WAY D SOCKET
- 4) BOTH ENDS WIRED THE SAME