

TABLE A-FEATURES											
EQUIPMENT		REF NOTE	RATING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT		
DESCRIPTION	QTY				EQUIPMENT OR CIRCUIT	LIST GROUP OR FIG	WRC	APP	SCHEMATIC	FIG	OPT
UNASSIGNED.				1							
APPARATUS & ASSEMBLY FOR ONE MULTILAYER PRINTED WIRING BOARD.		DA	2	1	ED5D623-30	2					
APPARATUS & ASSEMBLY FOR ONE MULTILAYER PRINTED WIRING BOARD.			3	1	ED5D623-30	3					
APPARATUS & ASSEMBLY REQUIRED IN ADDITION TO GROUP 2 OR 3 TO PROVIDE POWER TERMINALS. (SEE TABLE S).			A	1	ED5D623-30	A					
APPARATUS & ASSEMBLY REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE WIRING & CONNECTOR CONTACTS. (SEE TABLE R).		DA	B	1	ED5D623-30	B					
APPARATUS & ASSEMBLY REQUIRED IN ADDITION TO GROUP 3 TO PROVIDE WIRING & CONNECTOR CONTACTS. (SEE TABLE R).			C	1	ED5D623-30	C					

END OF TABLE-A

ISSUE NOTES				
ORIG ISS: 04/10/86		CHANGE CLASS:		
DRAFT: DSL	ENCR: JRK	SUPV: JFM	CERTIFIED: 04/10/86	ISSUE: 1
GROUPS 2 & B READ STD. GROUPS 3 & C ADDED.				
ORIG ISS: 04/10/86		CHANGE CLASS: M		
DRAFT: DSL	ENCR: JJR	SUPV:	CERTIFIED: 04/13/88	ISSUE: 2

SHEET INDEX											
SHT NBR	A1 THRU A1										ISSUE 2
ISSUE											
SHT NBR	D1 THRU D1										ISSUE 2
ISSUE											
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
ISSUE	2	2	2	2	2	2	2	2	2	2	2
SHT NBR	B12	B13									
ISSUE	2	2									
SHT NBR											
ISSUE											
SHT NBR											
ISSUE											
SHT NBR											
ISSUE											
SHT NBR											
ISSUE											
SHT NBR											
ISSUE											
SHT NBR											
ISSUE											
SHT NBR											
ISSUE											
SHT NBR											
ISSUE											

ED5D623-30

AT&T - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS	
7T13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR MULTILAYER PRINTED WIRING BOARD	
DWG SIZE C2	ISSUE 2
AT&T TECHNOLOGIES, INC. ED5D623-30	SHEET 11 OF 15

PRINTED IN U.S.A.

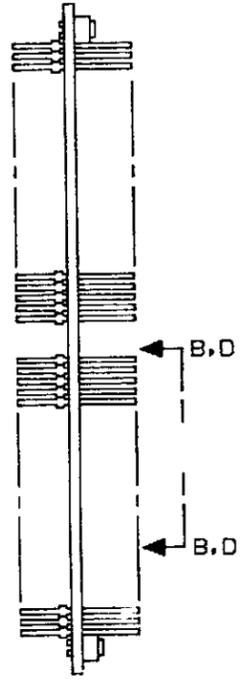
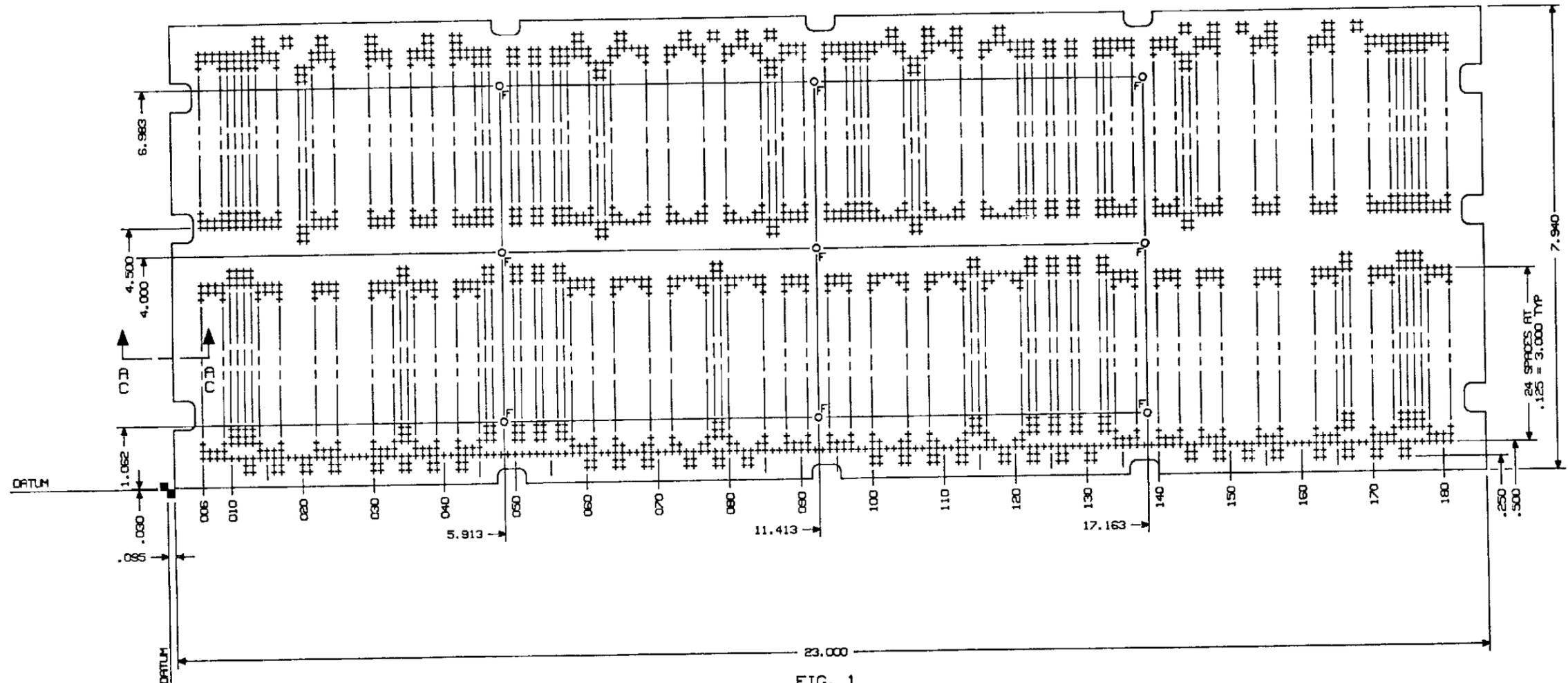


FIG. 1
FRONT VIEW
SCALE 1/1

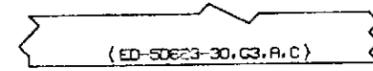
SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	C2	2
AT&T TECHNOLOGIES, INC.	ED-5D623-30	SHEET 01

ED-5D623-30

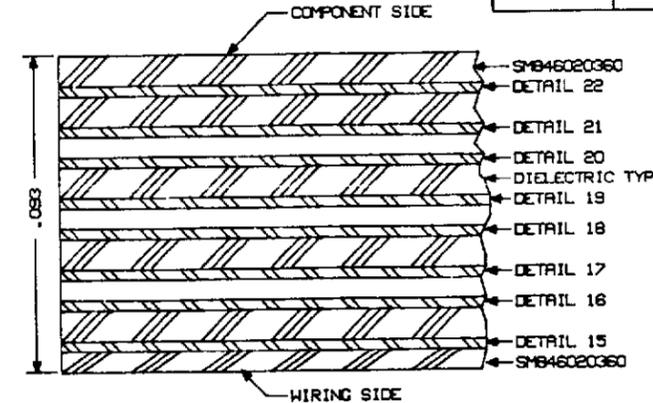
TABLE R			
COMPONENT	EOL	LOCATION	NO. RECD
		TERMINAL NUMBER	
181	006	000-007, 032-056, 100-107, 232-256, 300-307, 332-356	132
	014		132
	022		132
	030		132
	042		132
	058		132
	088		132
	094		132
	134		132
	140		132
	154		132
	162		132
	170		132
	178		132
	036	000-007, 100-107, 200-207, 232-256, 300-307, 332-356	82
	146		82
	064	000-007, 032-056, 100-107, 132-156, 200-207, 232-256, 300-307, 332-356, 400-407, 432-456, 500-507, 532-556	198
	072		198
	108		198
	116		198
080	000-007, 100-107, 200-207, 232-256, 300-307, 332-356, 400-407, 432-456, 500-507, 532-556	148	
100		148	
182	006	008-024, 108-124, 208-224, 308-324	88
	014		88
	022		88
	030		88
	036		88
	042		88
	058		88
	088		88
	094		88
	134		88
	140		88
	146		88
	154		88
	162		88
	170		88
	178		88
	064	008-024, 108-124, 208-224, 308-324, 408-424, 508-524	102
	072		102
080		102	
100		102	
108		102	
116		102	
183	010	002-026, 032-056	50
	011		50
	012		50
	013		50
	046		50
	047		50
	050		50
	051		50
	053		50
	054		50
	056		50
	057		50
	122		50
	123		50
	125		50
	126		50
	128		50
	129		50
	132		50
	133		50
174		50	
175		50	
176		50	
177		50	

TABLE R			
COMPONENT	EOL	LOCATION	NO. RECD
		TERMINAL NUMBER	
183	020	030-054	50
	021		50
	052		50
	053		50
	066		50
	067		50
	106		50
	107		50
	144		50
	145		50
	034	002-026	50
	035		50
	078		50
	079		50
	114		50
	115		50
	166		50
	167		50
036	032-056, 132-156	50	
080		50	
100		50	
146		50	
058	032-056	50	
059		50	

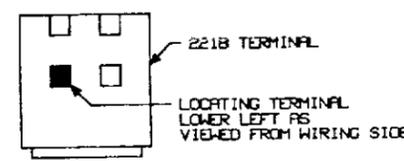
TABLE S (SEE FIG. 1)				
COMPONENT	LEVEL	EOL	TERM	ORIENTATION
221B	01	013	080	SK A
		017	080	
		021	080	
		025	080	
		031	080	
		035	080	
		039	080	
		043	080	
		051	080	
		055	080	
		059	080	
		075	080	
		079	080	
		083	080	
		101	080	
		105	080	
		109	080	
		113	080	
		119	080	
		123	080	
127	080			
131	080			
145	080			
149	080			
153	080			
157	080			
163	080			
167	080			
171	080			
175	080			
07	07	015	057	SK B
		019	057	
		024	057	
		031	057	
		039	057	
		043	057	
		060	057	
		066	057	
		075	057	
		079	057	
083	057			
087	057			
104	057			
109	057			
113	057			
119	057			
145	057			
149	057			
153	057			
157	057			
163	057			



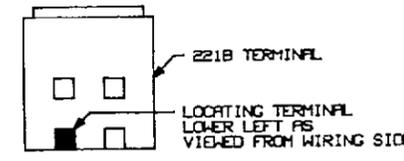
VIEW D-D
SHOWN ROTATED 90° CLOCKWISE
SCALE: N.T.S.



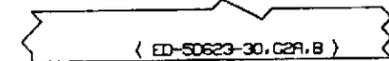
SECT C-C
SCALE: N.T.S.



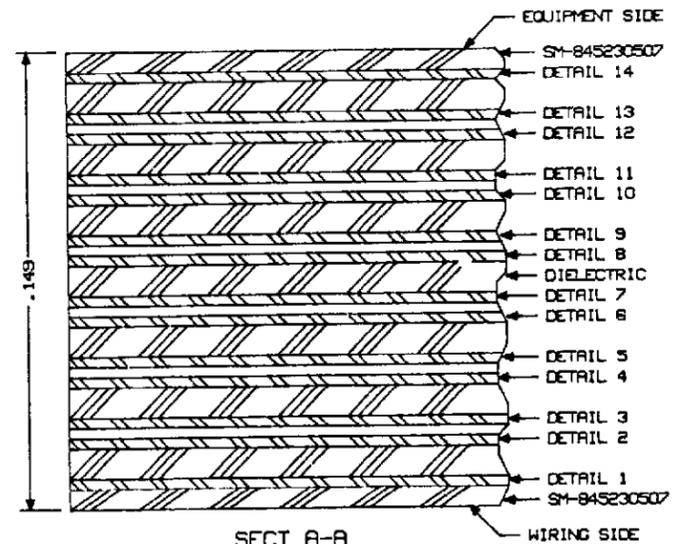
SK A



SK B



VIEW B-B
SHOWN ROTATED 90° CLOCKWISE
SCALE: N.T.S.
(DA)



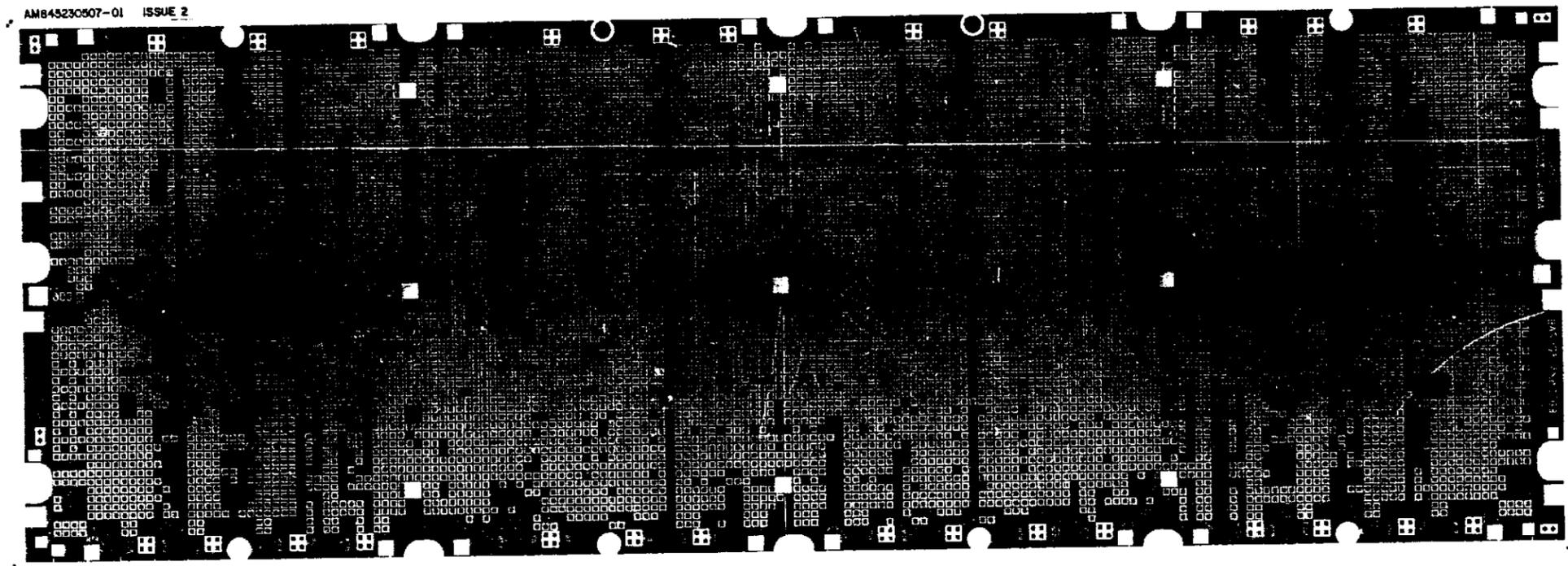
SECT A-A
SCALE: N.T.S.
(DA)

SEE PROPRIETARY NOTICE ON SHEET ONE

MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	02	2
AT&T TECHNOLOGIES, INC. ED-50623-30	SHEET	82

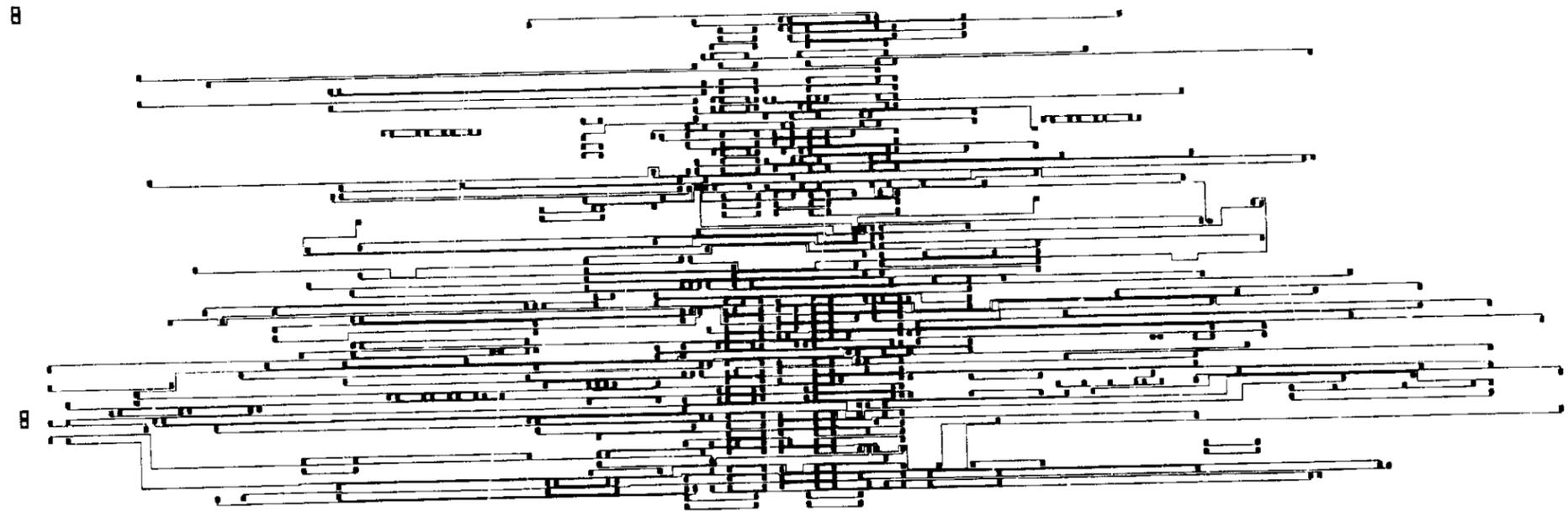
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

AMB45230507-01 ISSUE 2



DETAIL 1
(DA)

AMB45230507-02 ISSUE 2



DETAIL 2
(DA)

SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	63	2
AT&T TECHNOLOGIES, INC.	ED-50623-30	SHEET 83

ED-50623-30

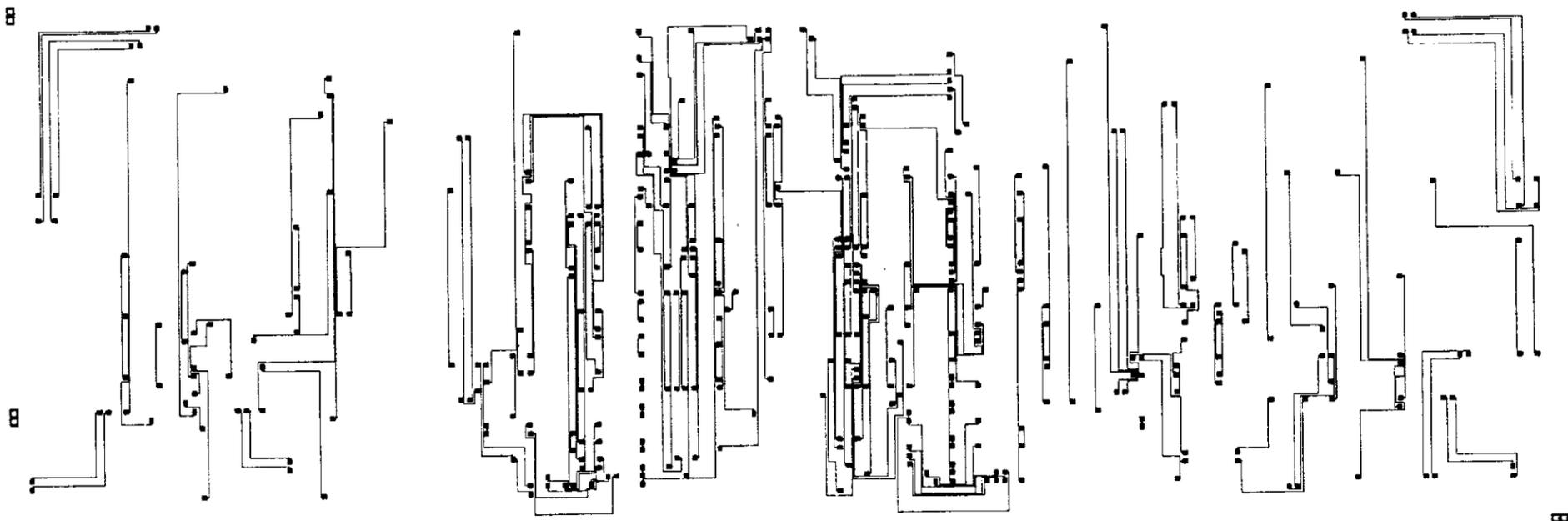
GN-97-2166 (3-76)
PRINTED IN U.S.A.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

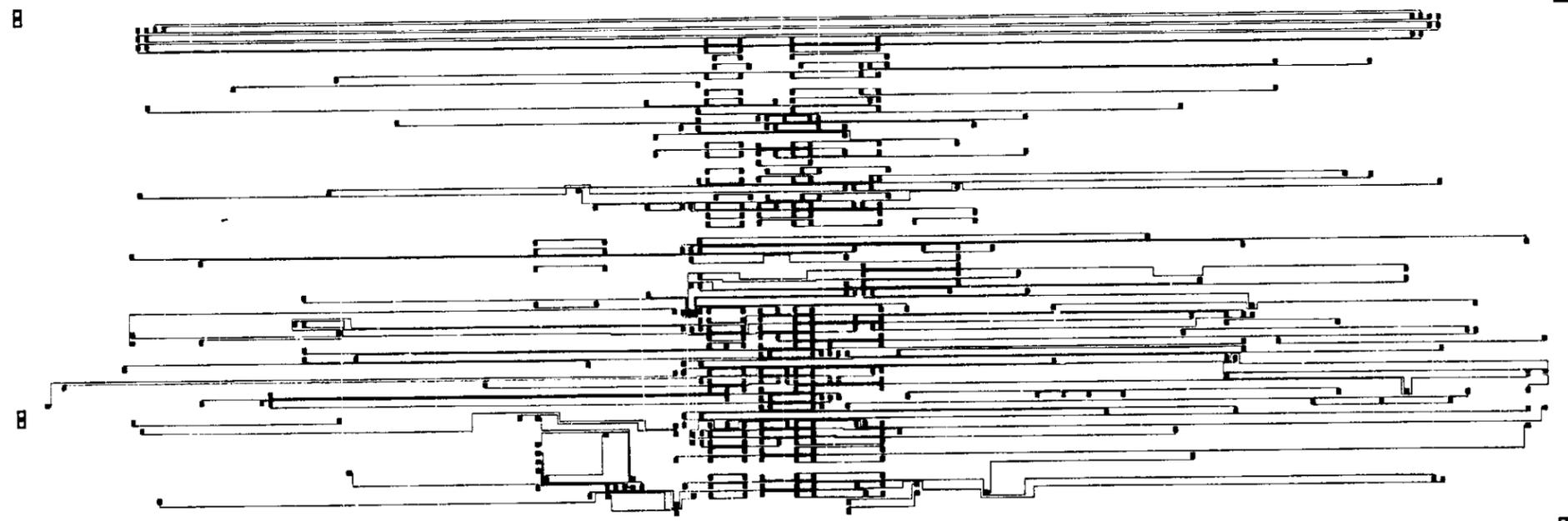
A
B
C
D
E
F
G
H
J
K

AM845230607-03 ISSUE 2



DETAIL 3
(DA)

AM845230507-04 ISSUE 2



DETAIL 4
(DA)

SEE PROPRIETARY NOTICE ON SHEET ONE

MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	63	2
AT&T TECHNOLOGIES, INC.	ED-50623-30	SHEET 84*

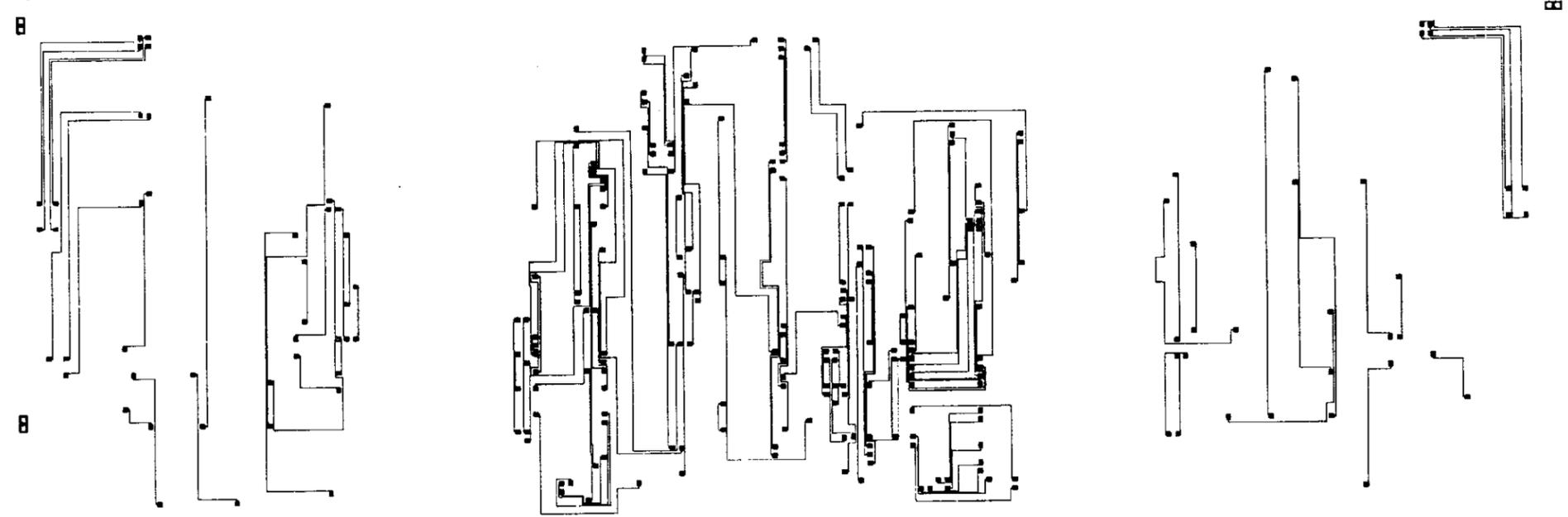
ED-50623-30

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

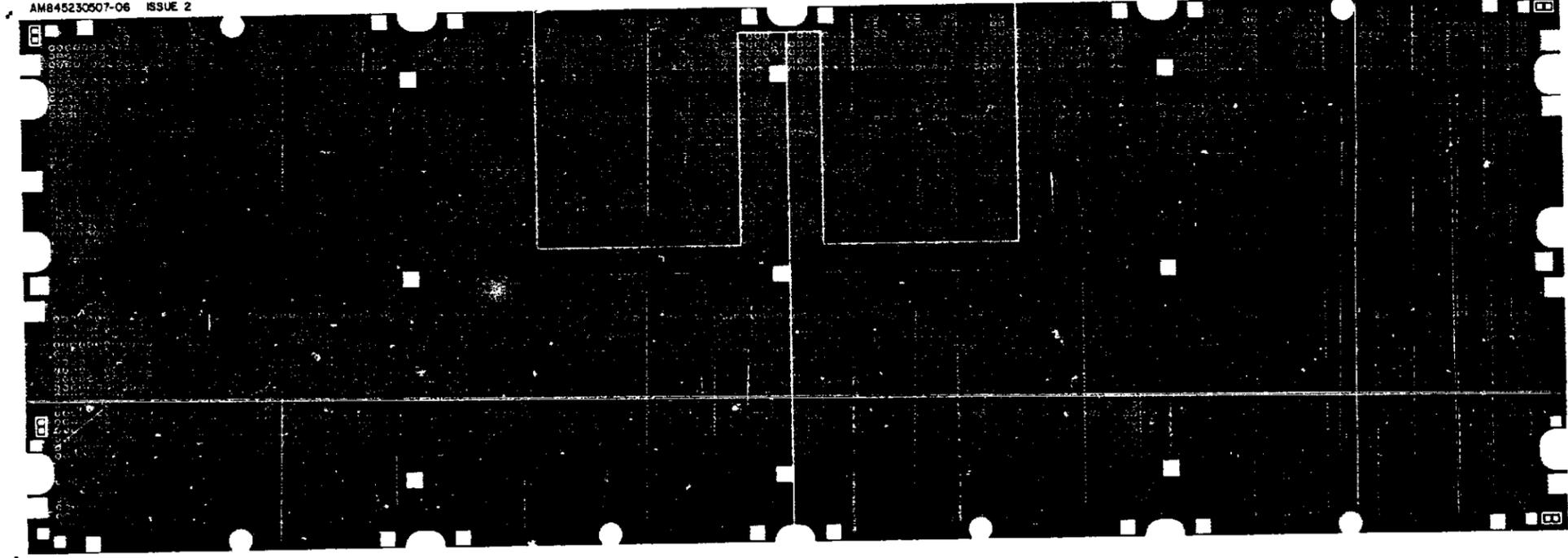
A
B
C
D
E
F
G
H
J
K

AM845230607-05 ISSUE 2



DETAIL 5
(DA)

AM845230607-06 ISSUE 2



DETAIL 6
(DA)

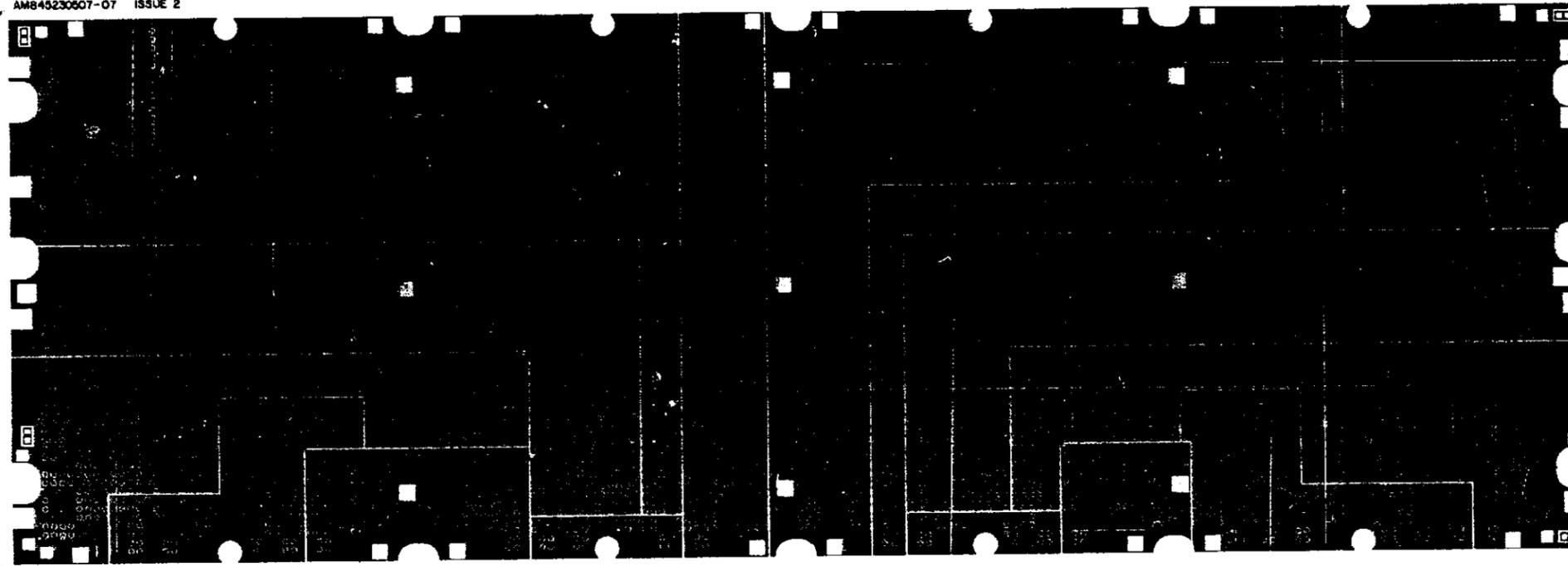
SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	63	2
AT&T TECHNOLOGIES, INC.	ED-5D623-30	SHEET

ED-5D623-30

DN-97-2166 (3-76)
PRINTED IN U.S.A.

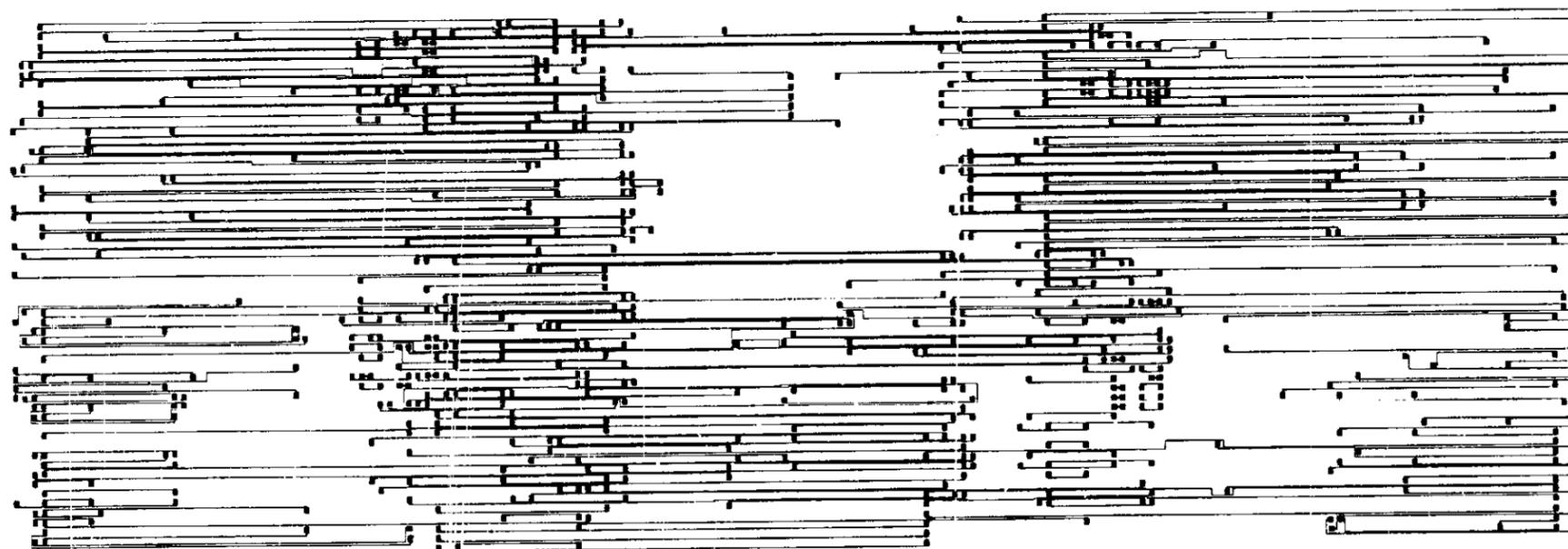
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

AMB45230507-07 ISSUE 2



DETAIL 7
(DA)

AMB45230507-08 ISSUE 2



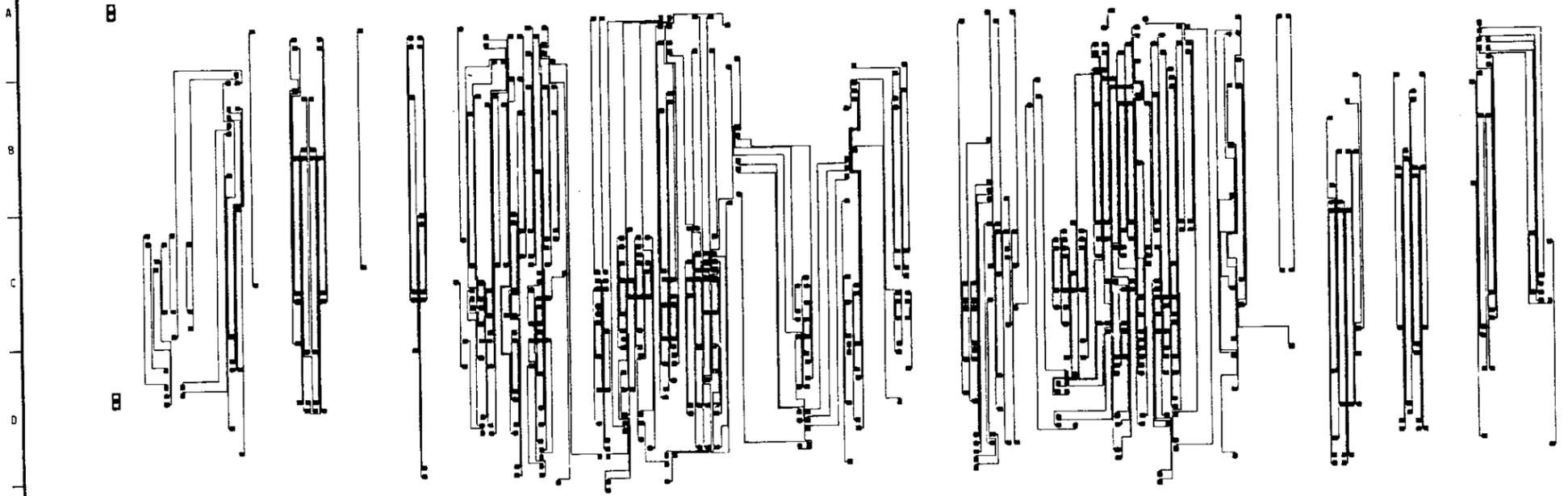
DETAIL 8
(DA)

SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	69	2
AT&T TECHNOLOGIES, INC.	ED-50623-30	SHEET

ED-50623-30

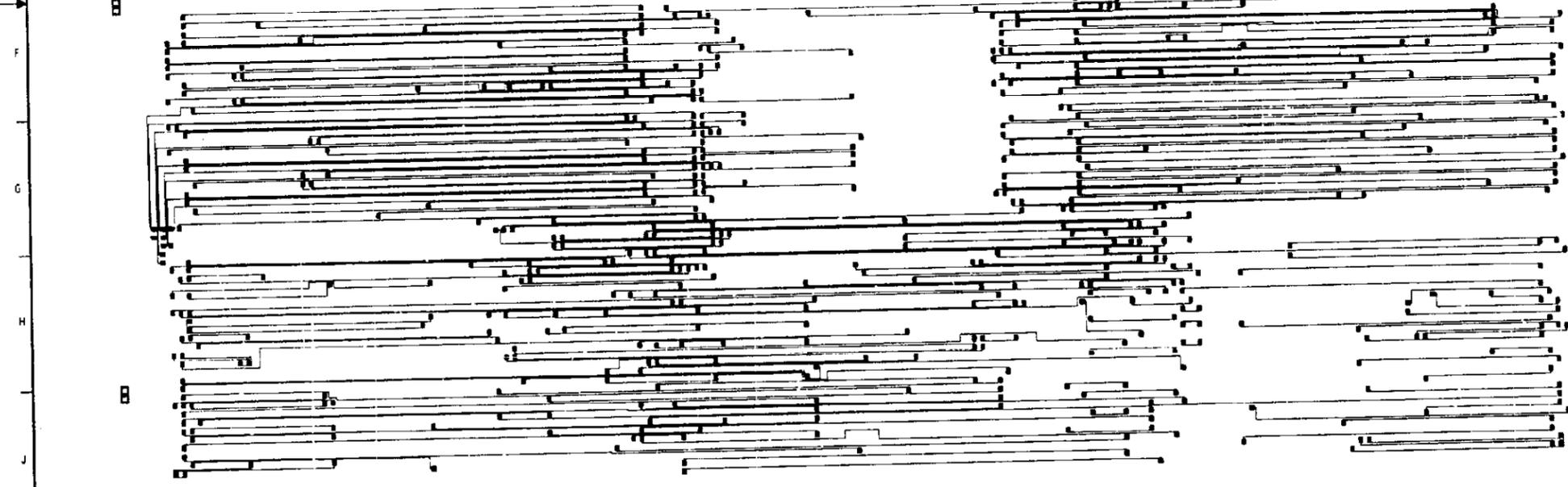
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

AMB45230507-09 ISSUE 2



DETAIL 9
(DA)

AMB45230507-10 ISSUE 2



DETAIL 10
(DA)

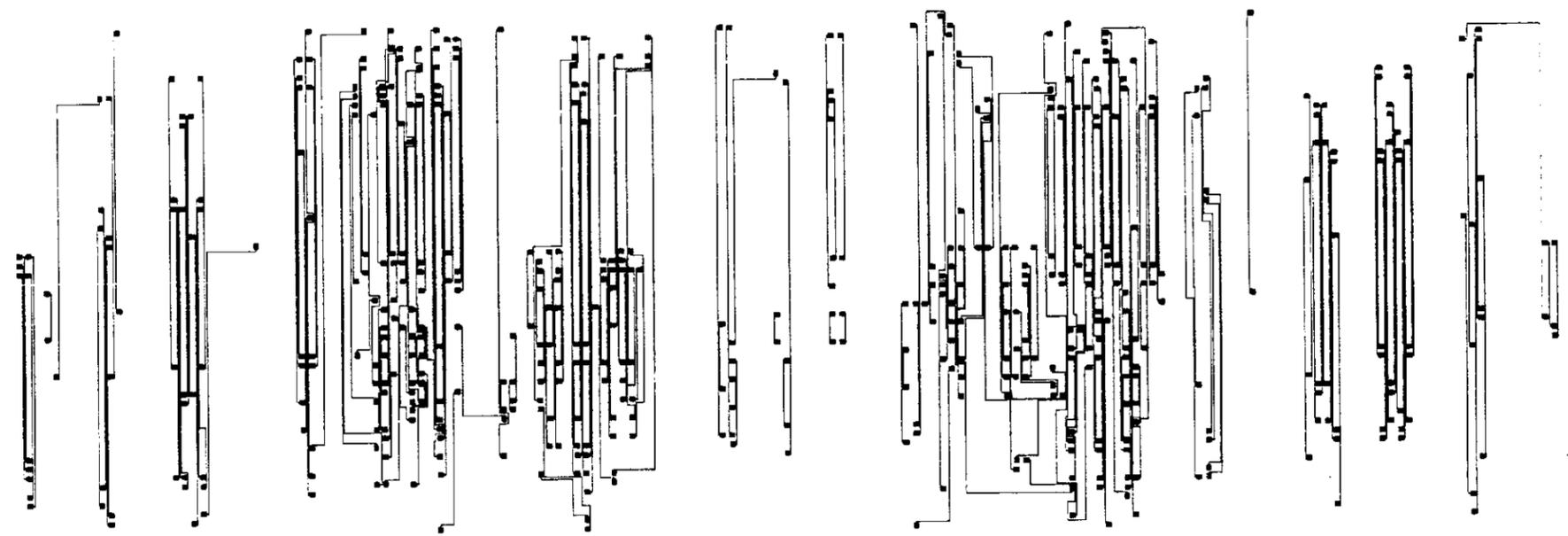
ED-50623-30

SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE 89	ISSUE 2
AT&T TECHNOLOGIES, INC. ED-50623-30	SHEET 87	

GN-97-2166 (3-76)
PRINTED IN U.S.A.

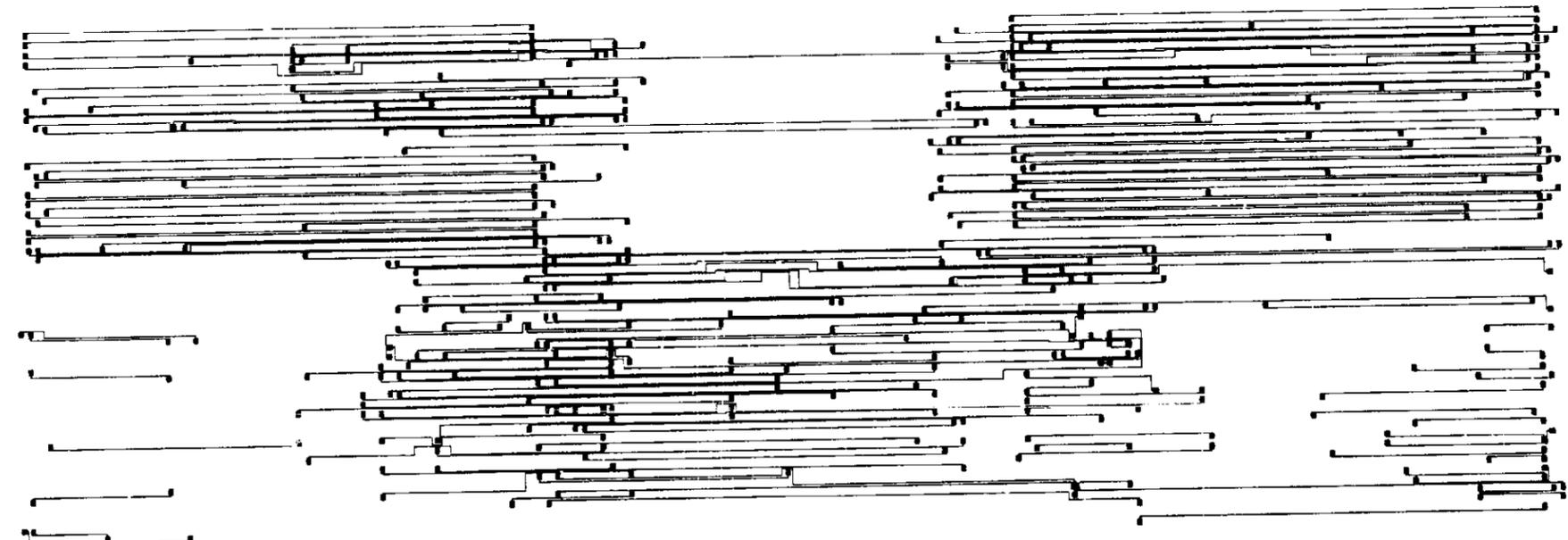
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

AM845230507-11 ISSUE 2



DETAIL 11 (DA)

AM845230507-12 ISSUE 2

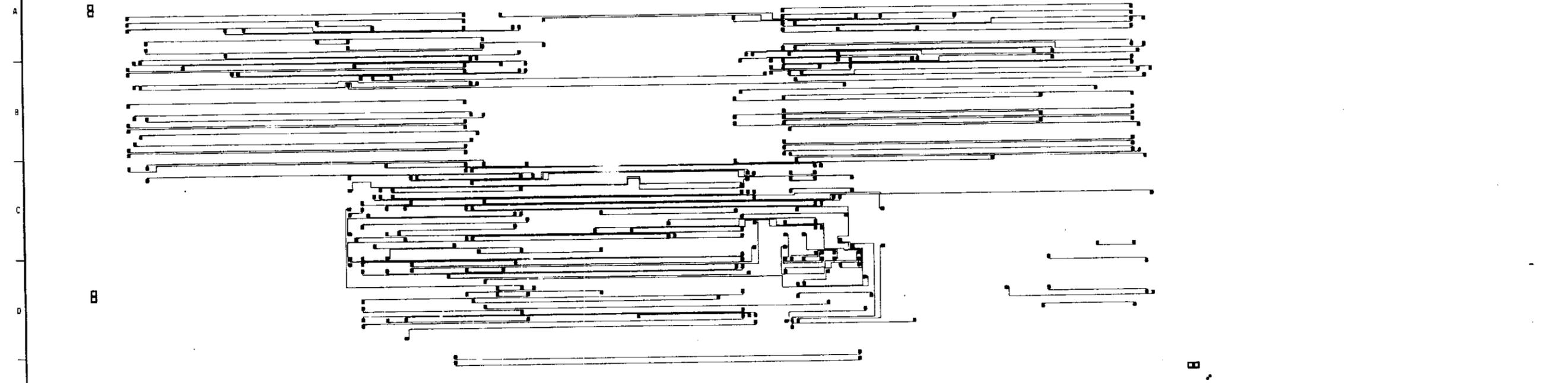


DETAIL 12 (DA)

ED-50623-30

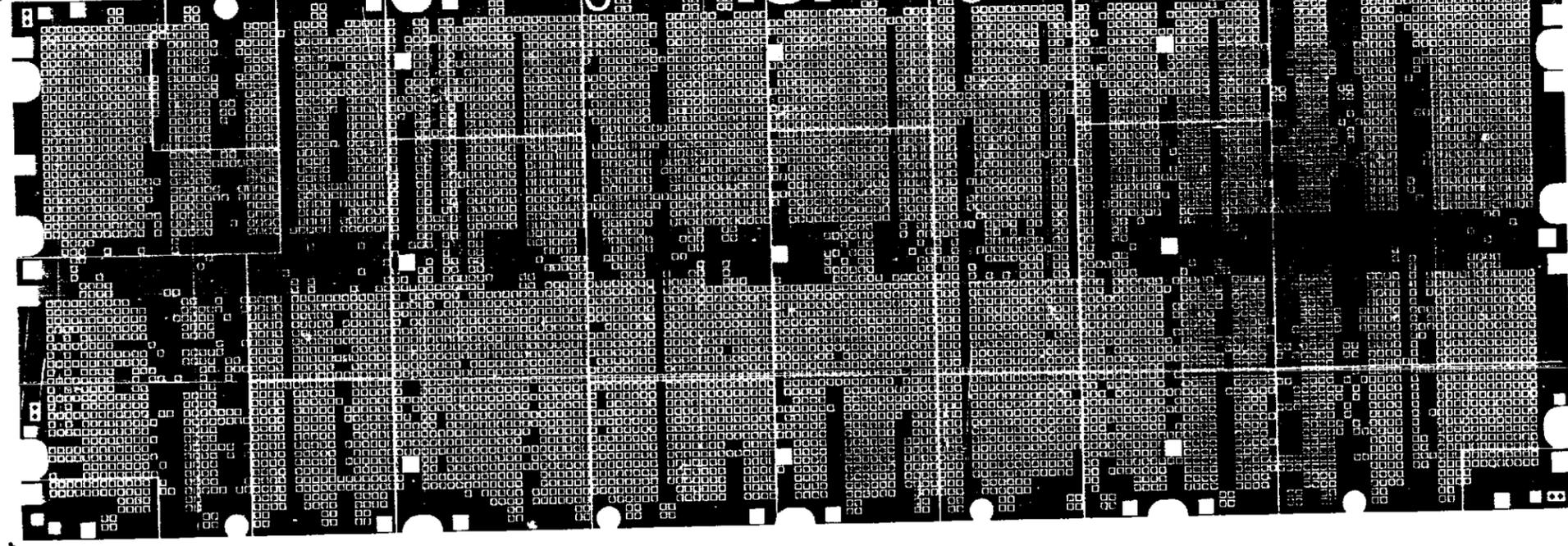
SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	68	2
AT&T TECHNOLOGIES, INC. ED-50623-30	SHEET 88	

AM845230507-13 ISSUE 2



DETAIL 13
(DA)

AM845230507-14 ISSUE 2



DETAIL 14
(DA)

SEE PROPRIETARY NOTICE ON SHEET ONE

MULTILAYER PRINTED WIRING BOARD

DWG SIZE
8 1/2

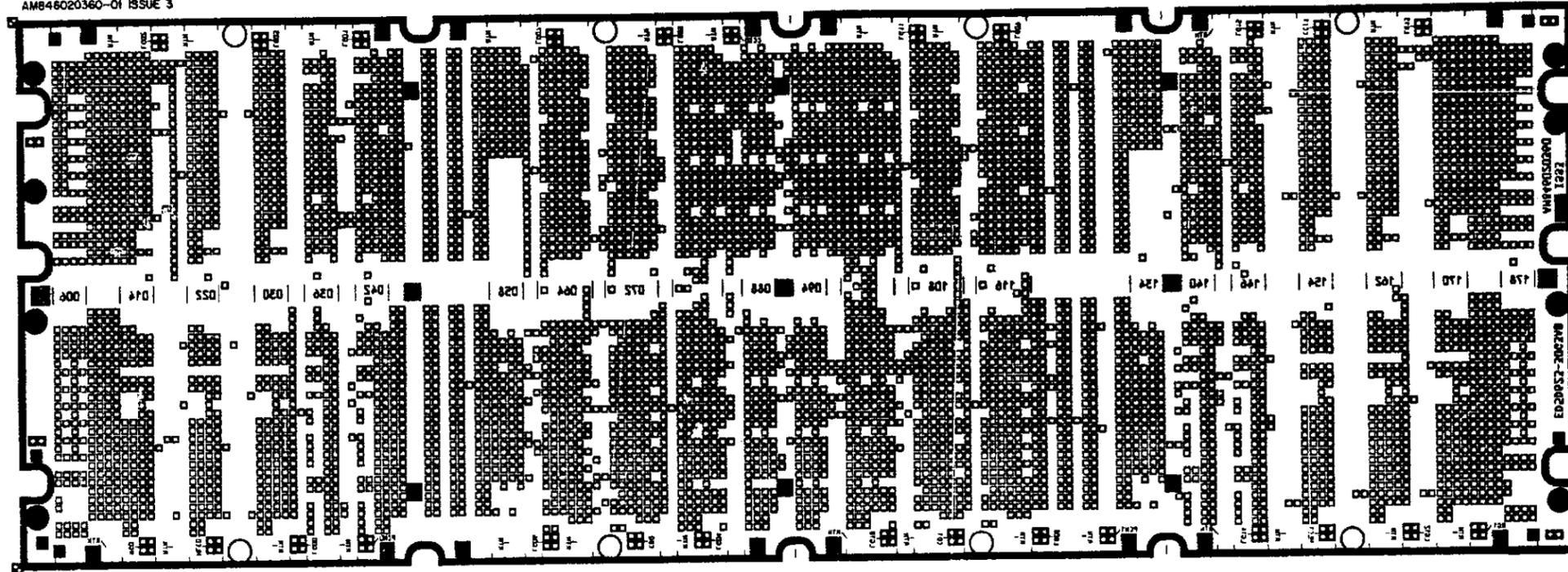
ISSUE
2

AT&T TECHNOLOGIES, INC. ED-50623-30

SHEET
89

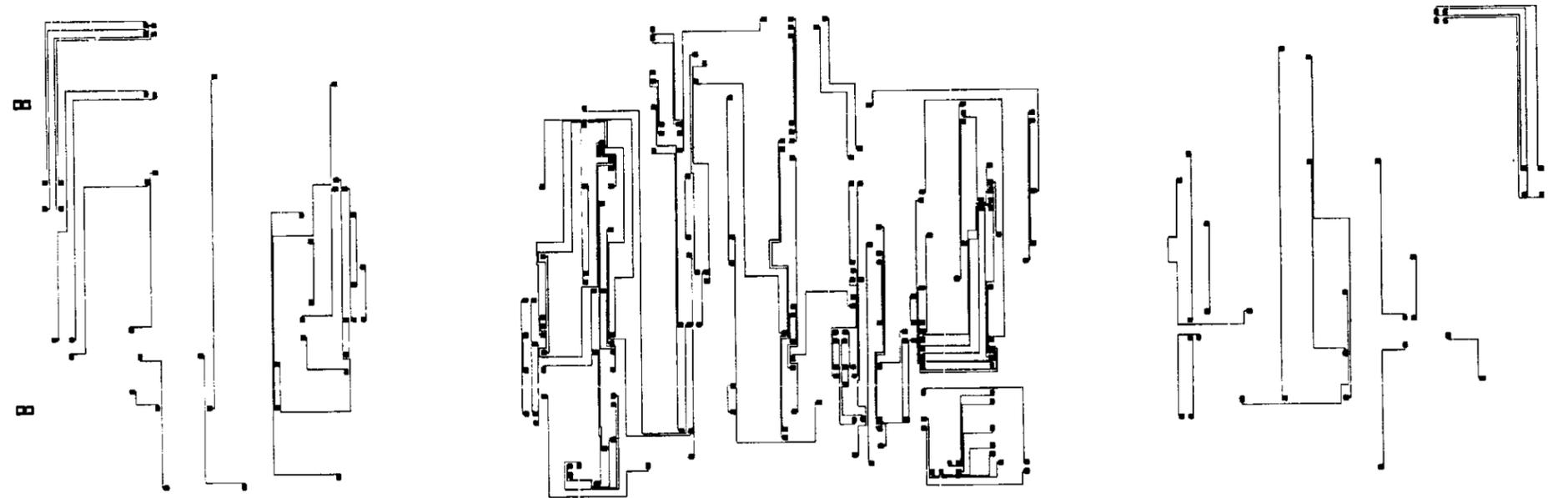
ED-50623-30

AMB46020360-01 ISSUE 3



DETAIL 15

AMB46020360-02 ISSUE 3



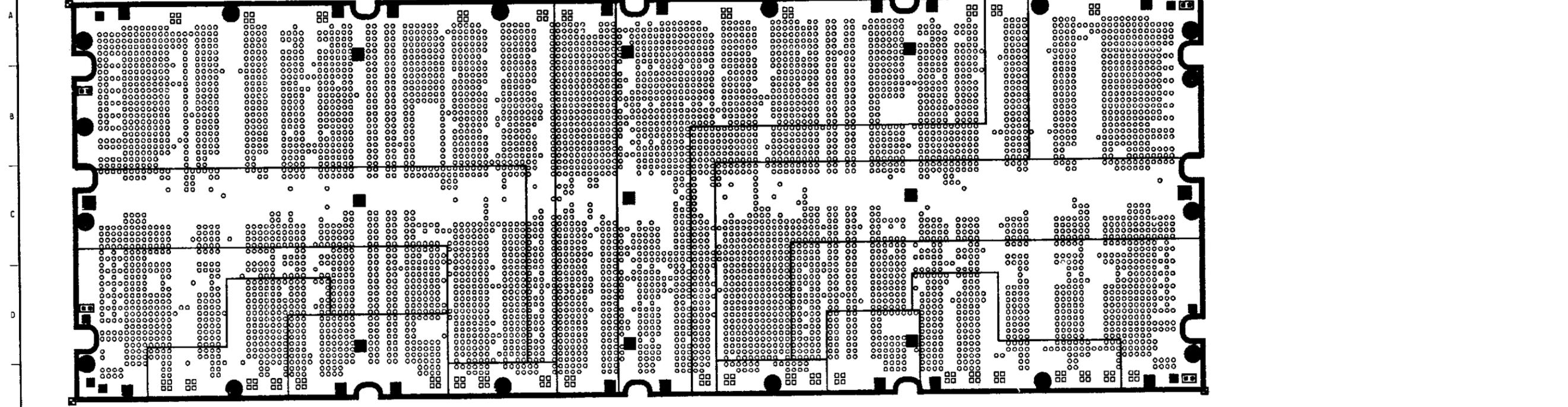
DETAIL 16

SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	85	2
AT&T TECHNOLOGIES, INC.	ED-5D623-30	SHEET 810

ED-5D623-30

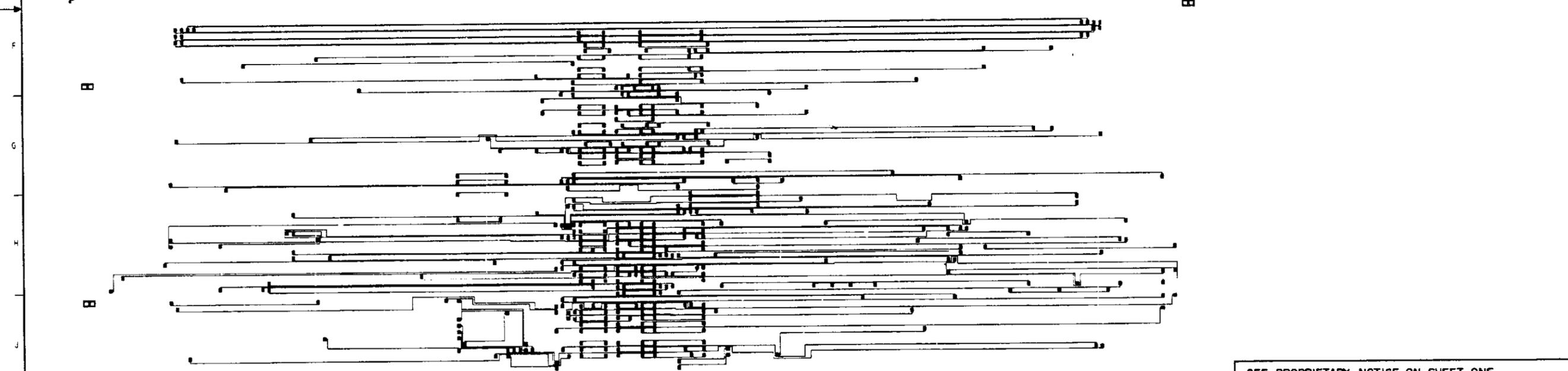
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

AM846020360-03 ISSUE 3



DETAIL 17

AM846020360-04 ISSUE 3



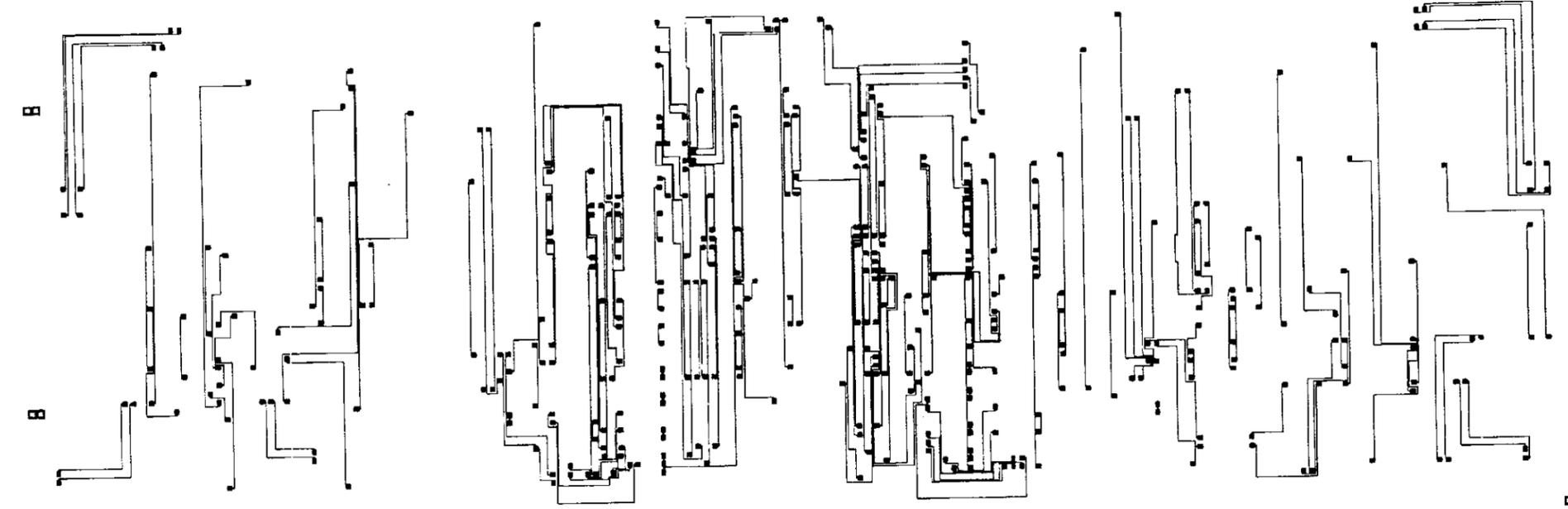
DETAIL 18

SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	63	2
AT&T TECHNOLOGIES, INC.	ED-5D623-30	SHEET B11

ED-5D623-30

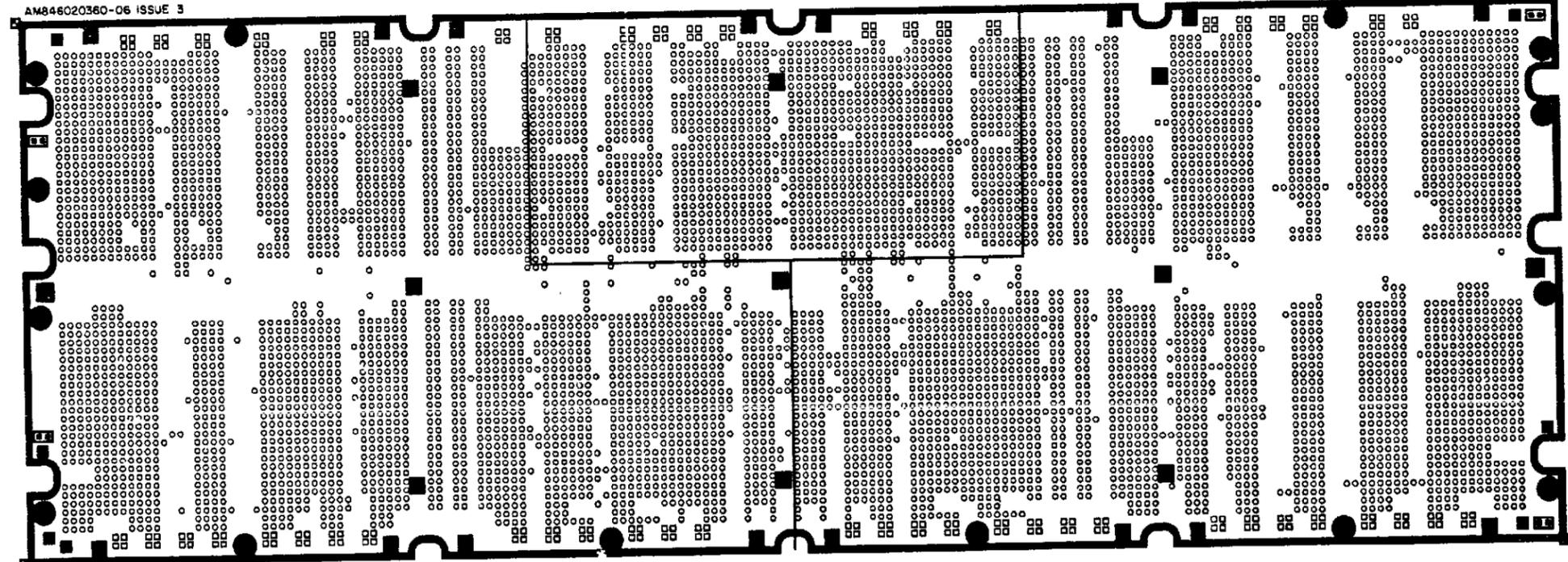
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

AMB46020360-05 ISSUE 3



DETAIL 19

AMB46020360-06 ISSUE 3



DETAIL 20

SEE PROPRIETARY NOTICE ON SHEET ONE		
MULTILAYER PRINTED WIRING BOARD	DWG SIZE	ISSUE
	65	2
AT&T TECHNOLOGIES, INC.	ED-50623-30	SHEET 818

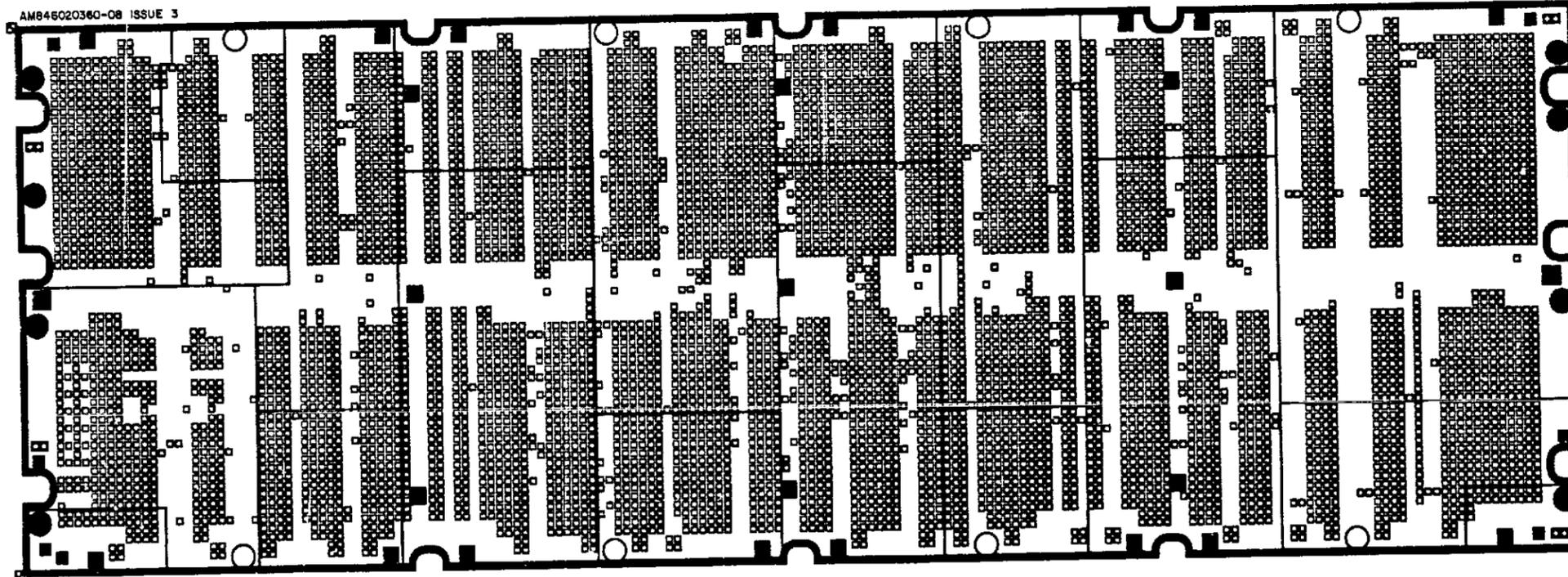
ED-50623-30

AM846020360-07 ISSUE 3



DETAIL 21

AM846020360-08 ISSUE 3



DETAIL 22

SEE PROPRIETARY NOTICE ON SHEET ONE

MULTILAYER PRINTED WIRING BOARD

DWG SIZE
6S

ISSUE
2

AT&T TECHNOLOGIES, INC.

ED-50623-30

SHEET
013

ED-50623-30

GN-97-2166 (3-76)
PRINTED IN U.S.A.

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	2	1	105161848	AMB45230507-01	PLANE, MULTILAYERED BOARD DETAIL 1		7	8
1010	2	1	105161855	AMB45230507-02	PLANE, MULTILAYERED BOARD DETAIL 2		7	8
1020	2	1	105162010	AMB45230507-03	PLANE, MULTILAYERED BOARD DETAIL 3		7	8
1030	2	1	105162028	AMB45230507-04	PLANE, MULTILAYERED BOARD DETAIL 4		7	8
1040	2	1	105162036	AMB45230507-05	PLANE, MULTILAYERED BOARD DETAIL 5		7	8
1050	2	1	105161897	AMB45230507-06	PLANE, MULTILAYERED BOARD DETAIL 6		7	8
1060	2	1	105161905	AMB45230507-07	PLANE, MULTILAYERED BOARD DETAIL 7		7	8
1070	2	1	105161921	AMB45230507-08	PLANE, MULTILAYERED BOARD DETAIL 8		7	8
1080	2	1	105161939	AMB45230507-09	PLANE, MULTILAYERED BOARD DETAIL 9		7	8
1090	2	1	105162044	AMB45230507-10	PLANE, MULTILAYERED BOARD DETAIL 10		7	8
1100	2	1	105161962	AMB45230507-11	PLANE, MULTILAYERED BOARD DETAIL 11		7	8
1110	2	1	105161970	AMB45230507-12	PLANE, MULTILAYERED BOARD DETAIL 12		7	8
1120	2	1	105161988	AMB45230507-13	PLANE, MULTILAYERED BOARD DETAIL 13		7	8
1130	2	1	105161996	AMB45230507-14	PLANE, MULTILAYERED BOARD DETAIL 14		7	8
1140	3	1	105503023	AMB46020360-01	PLANE, MULTILAYERED BOARD DETAIL 15		8	9
1150	3	1	105503031	AMB46020360-02	PLANE, MULTILAYERED BOARD DETAIL 16		8	9
1160	3	1	105503049	AMB46020360-03	PLANE, MULTILAYERED BOARD DETAIL 17		8	9
1170	3	1	105503056	AMB46020360-04	PLANE, MULTILAYERED BOARD DETAIL 18		8	9
1180	3	1	105503072	AMB46020360-05	PLANE, MULTILAYERED BOARD DETAIL 19		8	9
1190	3	1	105503080	AMB46020360-06	PLANE, MULTILAYERED BOARD DETAIL 20		8	9
1200	3	1	105503114	AMB46020360-07	PLANE, MULTILAYERED BOARD DETAIL 21		8	9
1210	3	1	105503122	AMB46020360-08	PLANE, MULTILAYERED BOARD DETAIL 22		8	9
1500	A	52	103222683	221B	TERMINAL			
1550	B	6700	103055984	1B-4	CONTACT, SINGLE PINS			
1560	C	3100	103055869	1B-1	CONTACT			
1570	C	1700	103055901	1B-2	CONTACT			
1580	C	1900	103055943	1B-3	CONTACT, SINGLE PINS			

***** END OF STOCKLIST *****

MANUFACTURING NOTES																																															
1. PRINTED WIRING BOARD SHALL MEET THE REQUIREMENTS OF X-18368 ED-50000-10 DET. 1 UNLESS OTHERWISE SPECIFIED.																																															
2. <> INDICATES DESIGNATIONS PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.																																															
3. () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.																																															
4. CHARACTERS TO BE 1/8 INCH RUBBER STAMPED IN CONTRASTING COLOR PER WL-2151 AND LOCATED APPROXIMATELY AS SHOWN.																																															
5. MATERIAL G10 GLASS EPOXY,FR411, .093 THICK.																																															
6. THE INFORMATION LISTED BELOW SHOWS COMPATIBILITY OF ARTMASTER TO DETAILS:																																															
	<table border="1"> <thead> <tr> <th>ISSUE</th> <th>DETAILS</th> </tr> </thead> <tbody> <tr><td>AMB45230507-01</td><td>2 1</td></tr> <tr><td>AMB45230507-02</td><td>2 2</td></tr> <tr><td>AMB45230507-03</td><td>2 3</td></tr> <tr><td>AMB45230507-04</td><td>2 4</td></tr> <tr><td>AMB45230507-05</td><td>2 5</td></tr> <tr><td>AMB45230507-06</td><td>2 6</td></tr> <tr><td>AMB45230507-07</td><td>2 7</td></tr> <tr><td>AMB45230507-08</td><td>2 8</td></tr> <tr><td>AMB45230507-09</td><td>2 9</td></tr> <tr><td>AMB45230507-10</td><td>2 10</td></tr> <tr><td>AMB45230507-11</td><td>2 11</td></tr> <tr><td>AMB45230507-12</td><td>2 12</td></tr> <tr><td>AMB45230507-13</td><td>2 13</td></tr> <tr><td>AMB45230507-14</td><td>2 14</td></tr> <tr><td>AMB46020360-01</td><td>3 15</td></tr> <tr><td>AMB46020360-02</td><td>3 16</td></tr> <tr><td>AMB46020360-03</td><td>3 17</td></tr> <tr><td>AMB46020360-04</td><td>3 18</td></tr> <tr><td>AMB46020360-05</td><td>3 19</td></tr> <tr><td>AMB46020360-06</td><td>3 20</td></tr> <tr><td>AMB46020360-07</td><td>3 21</td></tr> <tr><td>AMB46020360-08</td><td>3 22</td></tr> </tbody> </table>	ISSUE	DETAILS	AMB45230507-01	2 1	AMB45230507-02	2 2	AMB45230507-03	2 3	AMB45230507-04	2 4	AMB45230507-05	2 5	AMB45230507-06	2 6	AMB45230507-07	2 7	AMB45230507-08	2 8	AMB45230507-09	2 9	AMB45230507-10	2 10	AMB45230507-11	2 11	AMB45230507-12	2 12	AMB45230507-13	2 13	AMB45230507-14	2 14	AMB46020360-01	3 15	AMB46020360-02	3 16	AMB46020360-03	3 17	AMB46020360-04	3 18	AMB46020360-05	3 19	AMB46020360-06	3 20	AMB46020360-07	3 21	AMB46020360-08	3 22
ISSUE	DETAILS																																														
AMB45230507-01	2 1																																														
AMB45230507-02	2 2																																														
AMB45230507-03	2 3																																														
AMB45230507-04	2 4																																														
AMB45230507-05	2 5																																														
AMB45230507-06	2 6																																														
AMB45230507-07	2 7																																														
AMB45230507-08	2 8																																														
AMB45230507-09	2 9																																														
AMB45230507-10	2 10																																														
AMB45230507-11	2 11																																														
AMB45230507-12	2 12																																														
AMB45230507-13	2 13																																														
AMB45230507-14	2 14																																														
AMB46020360-01	3 15																																														
AMB46020360-02	3 16																																														
AMB46020360-03	3 17																																														
AMB46020360-04	3 18																																														
AMB46020360-05	3 19																																														
AMB46020360-06	3 20																																														
AMB46020360-07	3 21																																														
AMB46020360-08	3 22																																														
7. COMCODE 601066244 IS EQUIVALENT TO ED-50623-30.G2.A.B.																																															
8. COMCODES SHOWN FOR "DETAILS" IN STOCKLIST ARE FOR MDS DATA MECHANIZATION PURPOSES ONLY, NOT TO AFFECT IDENTIFICATION OF FINAL PRODUCT.																																															
9. COMCODE 601208820 IS EQUIVALENT TO ED-50623-30.G3.A.C.																																															

SEE PROPRIETARY NOTICE ON SHEET ONE	
7113	
SESS SWITCHING EQUIPMENT SPECIFICATION FOR MULTILAYER PRINTED WIRING BOARD	
DWG SIZE C2	ISSUE 2
SHEET 01 OF 15	
AT&T TECHNOLOGIES, INC. ED5D623-30	

ED5D623-30

PRINTED IN U.S.A.