

TABLE A-FEATURES											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
APPARATUS AND ASSEMBLY FOR ONE MULTILAYER PRINTED WIRING BOARD POWER, GROUND AND SIGNAL. DA EFF:09/12/00 FE:ED3T078-30,G2		DA	1	1	ED3T078-30	1			SD3T012-01		
APPARATUS AND ASSEMBLY FOR ONE MULTILAYER PRINTED WIRING BOARD POWER, GROUND AND SIGNAL. REPL:ED3T078-30,G1			2	1	ED3T078-30	2			SD3T012-01		
END OF TABLE-A											

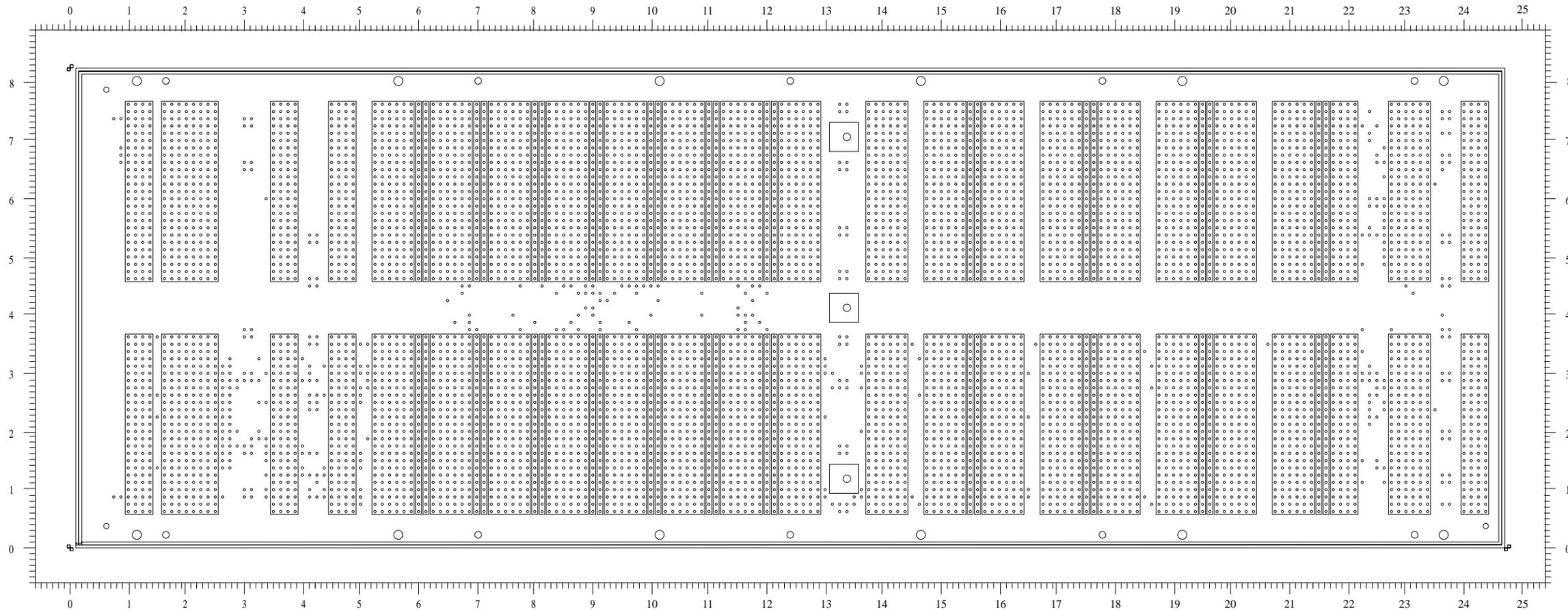
ISSUE NOTES				
ORIG ISS: 02/25/93 NDD NBR: 3T061IH-1 CHANGE CLASS: NEW				
DRAFT: DLG	ENGR: DLG	SUPV: PCF	CERTIFIED: 02/25/93	ISSUE: 1
NOTE MOD A ADDED.				
ORIG ISS: 02/25/93 CHANGE CLASS: M				
DRAFT: DLG	ENGR: DLG	SUPV: DLG	CERTIFIED: 04/27/93	ISSUE: 2
GROUP 2, NOTES 19,20 AND 21 ADDED. GROUP 1 RATED "DA".				
ORIG ISS: 02/25/93 NDD NBR: 3T061IH-22 CHANGE CLASS: B				
DRAFT: DLG	ENGR: DLG	SUPV: PCF	CERTIFIED: 04/27/95	ISSUE: 3
AT&T MARKINGS CHANGED TO LUCENT TECHNOLOGIES. DISTRIBUTION CODE, PROPRIETARY NOTE AND SHEET B1 CHANGED. SHEETS B2 AND B3 ADDED. SHEETS C1 AND C2 REMOVED.				
ORIG ISS: 02/25/93 CHANGE CLASS: ME				
DRAFT: JES	ENGR: KAG	SUPV: CDH	CERTIFIED: 09/08/00	ISSUE: 4

SHEET INDEX									
SHT NBR	A1 THRU A1 ISSUE 4								
ISSUE									
SHT NBR	D1 THRU D5 ISSUE 4								
ISSUE									
SHT NBR	B1	B2	B3						
ISSUE	4	4	4						
SHT NBR									
ISSUE									
SHT NBR									
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COMMON SYSTEMS 3B21D PROCESSOR SPECIFICATION FOR MULTILAYER PRINTED WIRING BOARD POWER, GROUND AND SIGNAL 3B21D PROCESSOR GROWTH UNIT (L-912300)		BN98
DWG SIZE C2	ISSUE 4	
LUCENT TECHNOLOGIES INC	ED3T078-30	SHEET A1 OF 9

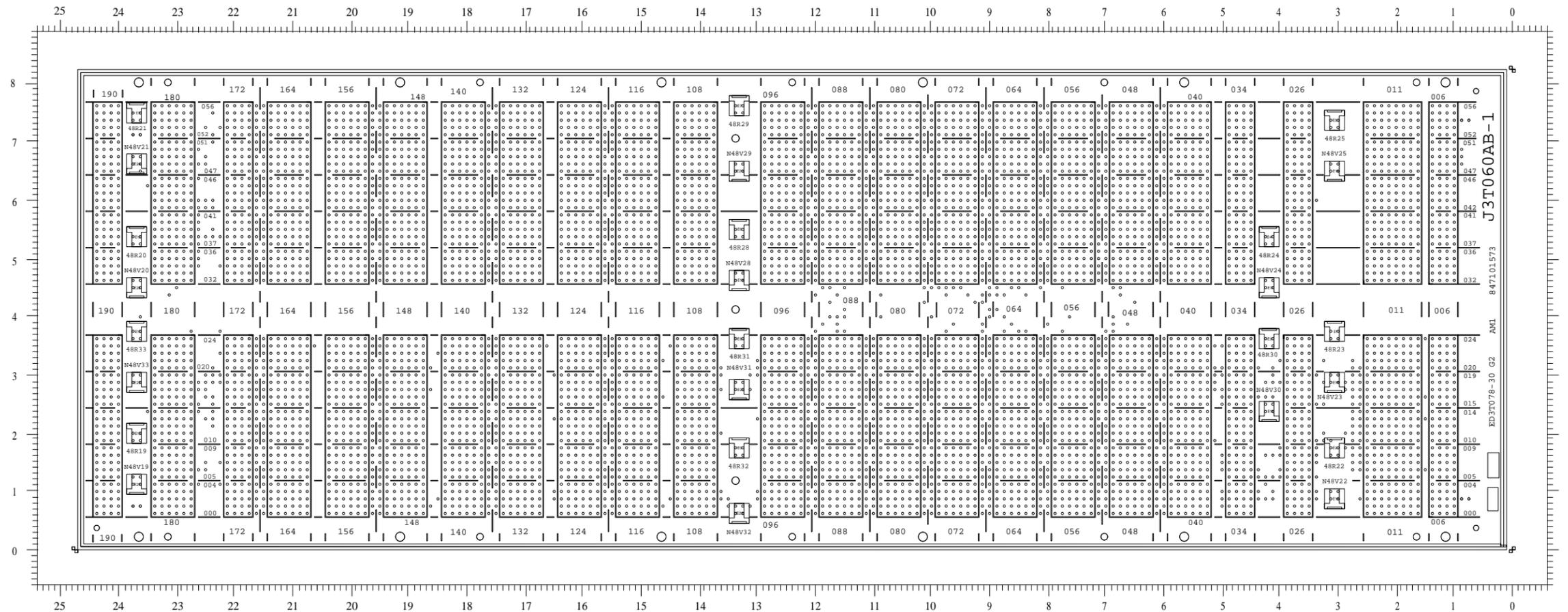
ED3T078-30



# COMPONENT SIDE VIEW

LUCENT TECHNOLOGIES - PROPRIETARY SEE PROPRIETARY NOTICE ON SHEET A1			
3B21D PROCESSOR SPECIFICATION FOR MULTILAYER PRINTED WIRING BOARD			
Lucent Technologies	ix	ED3T078-30	
SHEET	DWG	DWG	
B 1	ISSUE	SIZE	
	4	C2	

FOCUS-PRIME 5.0.0.15 CPCODE:ED3T078 AMI:1 VINTAGE:1

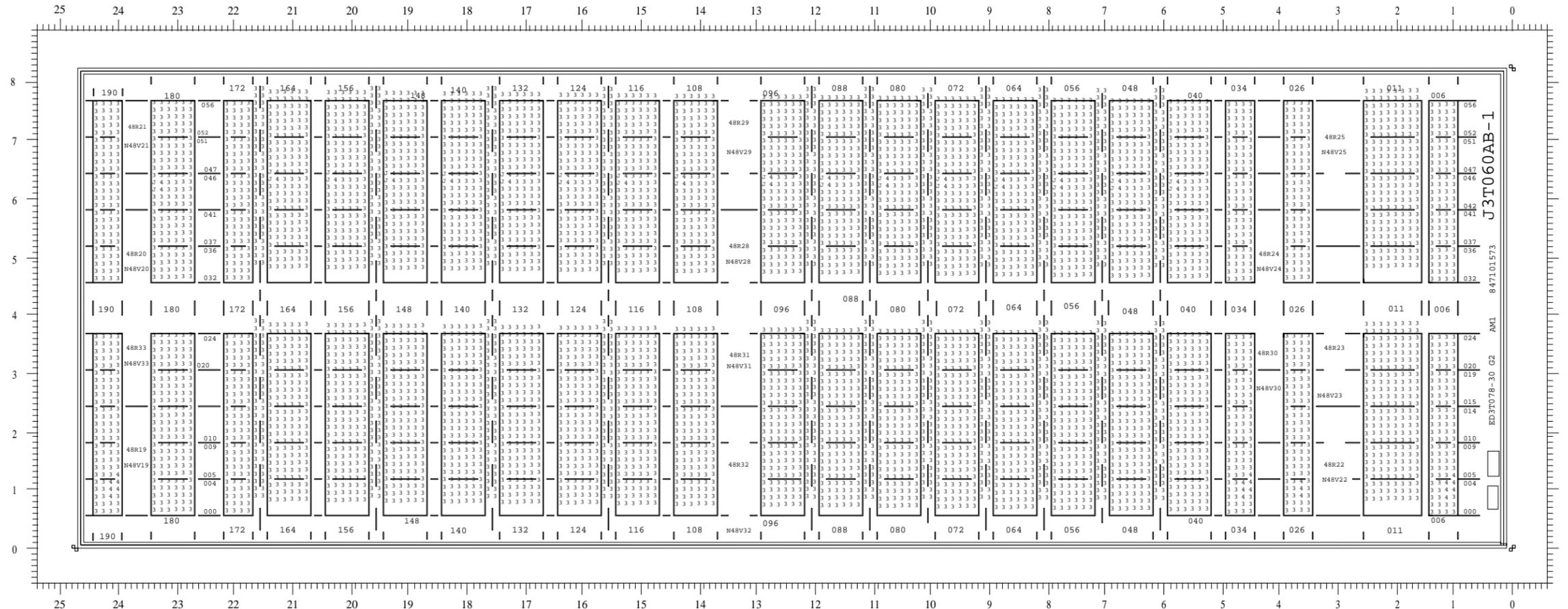


# WIRING SIDE VIEW

WITH COMPONENTS AND NOMENCLATURE

LUCENT TECHNOLOGIES - PROPRIETARY SEE PROPRIETARY NOTICE ON SHEET A1			
3B21D PROCESSOR SPECIFICATION FOR MULTILAYER PRINTED WIRING BOARD			
Lucent Technologies	ED3T078-30	SHEET B2	DWG ISSUE 4
		DWG SIZE C2	

FOCUS-PRIME 5.0.0.15 CPCODE:ED3T078 AM1:1 VINTAGE:1



KEY	
DESCRIPTION	SYMBOL
1B3 CONTACT	3
1B4 CONTACT	4
1B15 CONTACT	J

# WIRING SIDE VIEW

WITH PINNING AND NOMENCLATURE

LUCENT TECHNOLOGIES - PROPRIETARY SEE PROPRIETARY NOTICE ON SHEET A1			
3B21D PROCESSOR SPECIFICATION FOR MULTILAYER PRINTED WIRING BOARD		SHEET	DWG
Lucent Technologies IX ED3T078-30		B3	4
		DWG	SIZE
			C2

FOCUS-PRIME 5.0.0.15 CPCODE:ED3T078 AM1: VINTAGE:1

SHOP

MANUFACTURING NOTES

\*\*\*\*\* CONTINUED \*\*\*\*\*

847101573	1	10
847101573	1	11
847101573	1	12

21. COMCODE NUMBER 601414295 IS EQUIVALENT TO ED3T078-30,G2, AM1.

SHOP

MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

\* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

\*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

( ) INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"W\*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

13. ALL COMPONENTS AND ALL EQUIVALENT SUBSTITUTES MUST MEET UL/CSA REQUIREMENTS PER ED4C657-10.

14. CHARACTERS TO BE 1/8 INCH ETCHED AND THEN COVER COATED. LOCATED APPROXIMATELY AS SHOWN.

15. PRINTED WIRING BOARD SHALL MEET THE REQUIREMENTS OF X-18368 UNLESS OTHERWISE SPECIFIED.

16. MATERIAL: CLASS II FOIL FR4 DIELECTRIC.

17. THE INFORMATION LISTED BELOW SHOWS COMPATIBILITY OF ARTMASTERS TO DETAILS:

AM	ISSUE	DETAIL
846999274	1	1
846999274	1	2
846999274	1	2
846999274	1	3
846999274	1	4
846999274	1	5
846999274	1	6
846999274	1	7
846999274	1	8
846999274	1	9
846999274	1	10
846999274	1	11
846999274	1	12

18. COMCODE NUMBER 601377062 IS EQUIVALENT TO ED3T078-30,G1.

19. WIRING SIDE OF ED3T078-30,G2 SHALL HAVE 1/8 INCH CHARACTERS AND MARKINGS, WHT, SILK SCREENED. LOCATE APPROXIMATELY AS SHOWN.

20. THE INFORMATION LISTED BELOW SHOWS THE COMPATIBILITY OF ARTMASTER ISSUE TO THE DETAIL LAYER FOR ED3T078-30,G2.

AM	ISSUE	DETAIL
847101573	1	1
847101573	1	2
847101573	1	3
847101573	1	4
847101573	1	5
847101573	1	6
847101573	1	7
847101573	1	8
847101573	1	9

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BN98

COMMON SYSTEMS  
3B21D PROCESSOR  
SPECIFICATION FOR  
MULTILAYER PRINTED WIRING BOARD  
POWER, GROUND AND SIGNAL  
3B21D PROCESSOR GROWTH UNIT  
(L-912300)

DWG SIZE C2 ISSUE 4

LUCENT TECHNOLOGIES INC ED3T078-30

SHEET D1 OF 9

ED3T078-30

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1010	1	1	846999274		BACKPLANE, MULTILAYER BOARD FRAME GROUND DETAIL 1			
1020	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 2			
1030	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 3			
1040	1	1	846999274		BACKPLANE, MULTILAYER BOARD POWER DETAIL 4			
1050	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 5			
1060	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 6			
1070	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 7			
1080	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 8			
1090	1	1	846999274		BACKPLANE, MULTILAYER BOARD FRAME GROUND DETAIL 9			
1100	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 10			
1110	1	1	846999274		BACKPLANE, MULTILAYER BOARD SIGNAL DETAIL 11			
1120	1	1	846999274		BACKPLANE, MULTILAYER BOARD FRAME GROUND DETAIL 12			
1150	1	7511	103055943	1B-3	CONTACT, SINGLE PINS			
1160	1	55	103055984	1B-4	CONTACT, SINGLE PINS			
1170	1	34	103812897	1B-15	CONTACT			
1200	1	26	105496236	221E	TERMINAL			
1210	2	1	847101573		BACKPLANE, CONNECTORIZED FRAME GROUND DETAIL 1			
1220	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 2			
1230	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 3			
1240	2	1	847101573		BACKPLANE, CONNECTORIZED POWER DETAIL 4			
1250	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 5			
1260	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 6			
1270	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 7			
1280	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 8			
1290	2	1	847101573		BACKPLANE, CONNECTORIZED FRAME GROUND DETAIL 9			

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1300	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 10			
1310	2	1	847101573		BACKPLANE, CONNECTORIZED SIGNAL DETAIL 11			
1320	2	1	847101573		BACKPLANE, CONNECTORIZED FRAME GROUND DETAIL 12			
1350	2	7511	103055943	1B-3	CONTACT, SINGLE PINS			
1360	2	55	103055984	1B-4	CONTACT, SINGLE PINS			
1370	2	34	103812897	1B-15	CONTACT			
1380	2	26	105496236	221E	TERMINAL			

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

MOD NOTES

MODIFICATION NOTES	
MOD	DESCRIPTION
A	ALL ED-3T078-30, G1 MLBWS ARE TO BE MODIFIED AT THE MANUFACTURING LOCATION BY INSULATING THE FOLLOWING TERMINALS: 04-108 315 04-140 315 AND ALSO ADDING THE FOLLOWING GRN WIRES, 30 GA.: 04-011 000 TO 04-011 200 04-011 200 TO 04-011 400 04-011 400 TO 04-011 405 04-108 315 TO 04-116 315 04-140 315 TO 04-148 315 AFTER MODIFICATION HAS BEEN COMPLETED, STAMP BOARD "ED-3T078-30, G1, MOD A".

\*\*\*\*\* STOCKLIST CONTINUED AT RIGHT \*\*\*\*\*

ED3T078-30

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COMMON SYSTEMS 3B21D PROCESSOR SPECIFICATION FOR MULTILAYER PRINTED WIRING BOARD POWER, GROUND AND SIGNAL 3B21D PROCESSOR GROWTH UNIT (L-912300)	BN98
DWG SIZE C2	ISSUE 4
LUCENT TECHNOLOGIES INC	ED3T078-30
SHEET OF	D2 9

TABLE R

COMPONENT	LOCATION		NUMBER REQUIRED
	EQL	TERMINAL NUMBER	
1B-3	04-006	000-002, 006-024 032-056 100,101,105-124 132-156 200-224, 232-256 300-324, 332-256	194
	04-011	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-456 500-524, 532-556 600-624, 632-656 700-724, 732-756	400
	04-026	000-024, 032-056 100,101,105-124 132-156 200-224, 232-256 300-324, 332-356	197
	04-034	000-002, 006-024 032-056 100,101, 105-124 132-156 200-224, 232-256 300-324, 332-356	194
	04-040	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
	04-046	000-024, 032-056	50
	04-047	000-024, 032-056	50
	04-048	000-024, 032-056	296

TABLE R

		100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	
	04-054	000-024, 032-056	50
	04-055	000-024, 032-056	50
	04-056	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
	04-062	000-024, 032-056	50
	04-063	000-024, 032-056	50
	04-064	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
	04-070	000-024, 032-056	50
	04-071	000-024, 032-056	50
	04-072	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
	04-078	000-024, 032-056	50

TABLE R

	04-079	000-024, 032-056	50
	04-080	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 543-556	296
	04-086	000-024, 032-056	50
	04-087	000-024, 032-056	50
	04-088	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
	04-094	000-024, 032-056	50
	04-095	000-024, 032-056	50
	04-096	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
	04-108	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296

TABLE R

04-116	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
04-122	000-024, 032-056	50
04-123	000-024, 032-056	50
04-124	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
04-132	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
04-138	000-024, 032-056	50
04-139	000-024, 032-056	50
04-140	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
04-148	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356	296

TABLE R

	400-424, 432-443 446-456 500-524, 532-543 546-556	
04-154	000-024, 032-056	50
04-155	000-024, 032-056	50
04-156	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
04-164	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
04-170	000-024, 032-056	50
04-171	000-024, 032-056	50
04-172	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356	200
04-180	000-024, 032-056 100-124, 132-156 200-224, 232-256 300-324, 332-356 400-424, 432-443 446-456 500-524, 532-543 546-556	296
04-190	000-002, 006-024 032-056 100, 101, 105-124 132-156 200-224, 232-256 300-324, 332-356	194

TABLE R

1B-4 CONTACT	04-006	003,004,005 102,103,104	6
	04-026	102,103,104	3
	04-034	003,004,005 102,103,104	6
	04-040	444,445	2
	04-048	444,445	2
	04-056	444,445	2
	04-064	444,445	2
	04-072	444,445	2
	04-080	444,445	2
	04-088	444,445	2
	04-096	444,445	2
	04-108	444,445	2
	04-116	444,445	2
	04-124	444,445	2
	04-132	444,445	2
	04-140	444,445	2
	04-148	444,445	2
	04-156	444,445	2
	04-164	444,445	2
	04-180	444,445	2
	04-190	003,004,005 102,103,104	6
1B-15 CONTACT	04-040	544,545	2
	04-048	544,545	2

TABLE R

04-056	544,545	2
04-064	544,545	2
04-072	544,545	2
04-080	544,545	2
04-088	544,545	2
04-096	544,545	2
04-108	544,545	2
04-116	544,545	2
04-124	544,545	2
04-132	544,545	2
04-140	544,545	2
04-148	544,545	2
04-156	544,545	2
04-164	544,545	2
04-180	544,545	2

TABLE S

COMPONENT	LEVEL	EQL	TERM.	ORIENTATION	
221E TERMINAL	02	023	002	TAB DOWN	
		023	018		
		032	014		
		105	000		
		105	017		
		188	004		
	188	018			
	03	032	031		
		105	032		
		188	031		
	06	023	047		
		105	047		
		188	048		
	02	023	008		TAB UP
		023	024		
		032	023		
		105	008		
		105	023		
188		010			
188	024				
06	023	053			
	032	037			
	105	038			
	105	055			
	188	037			
188	054				