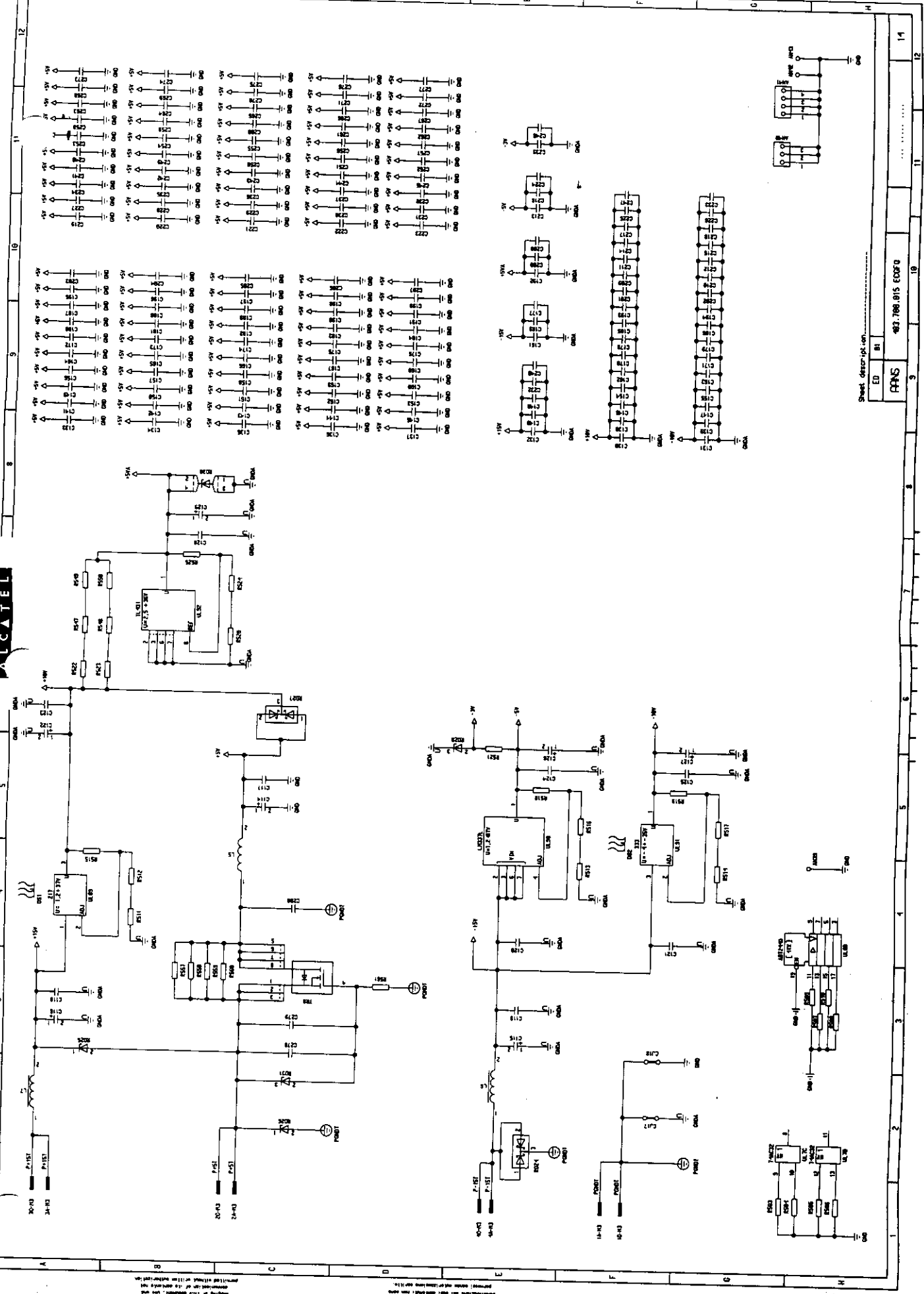


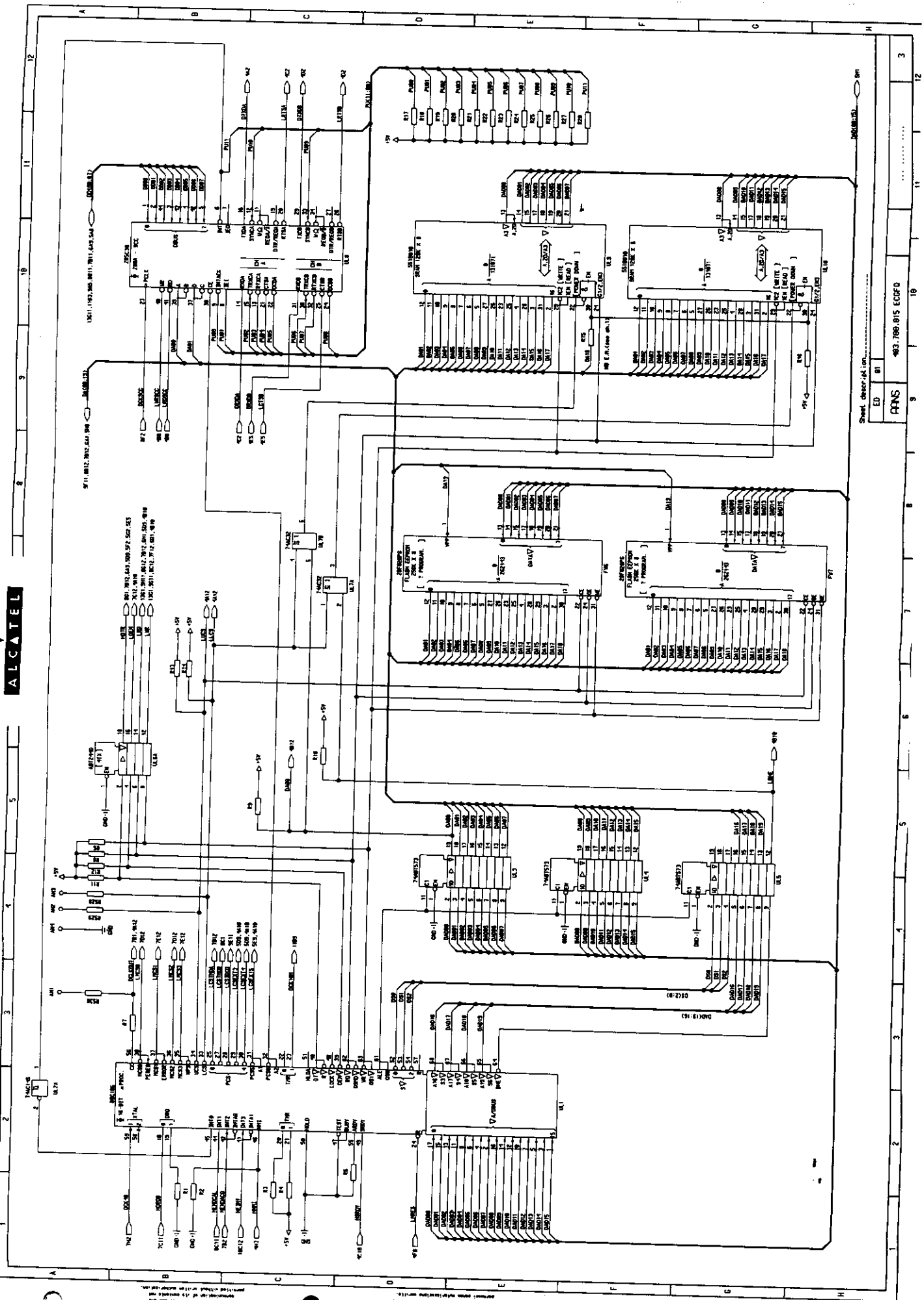
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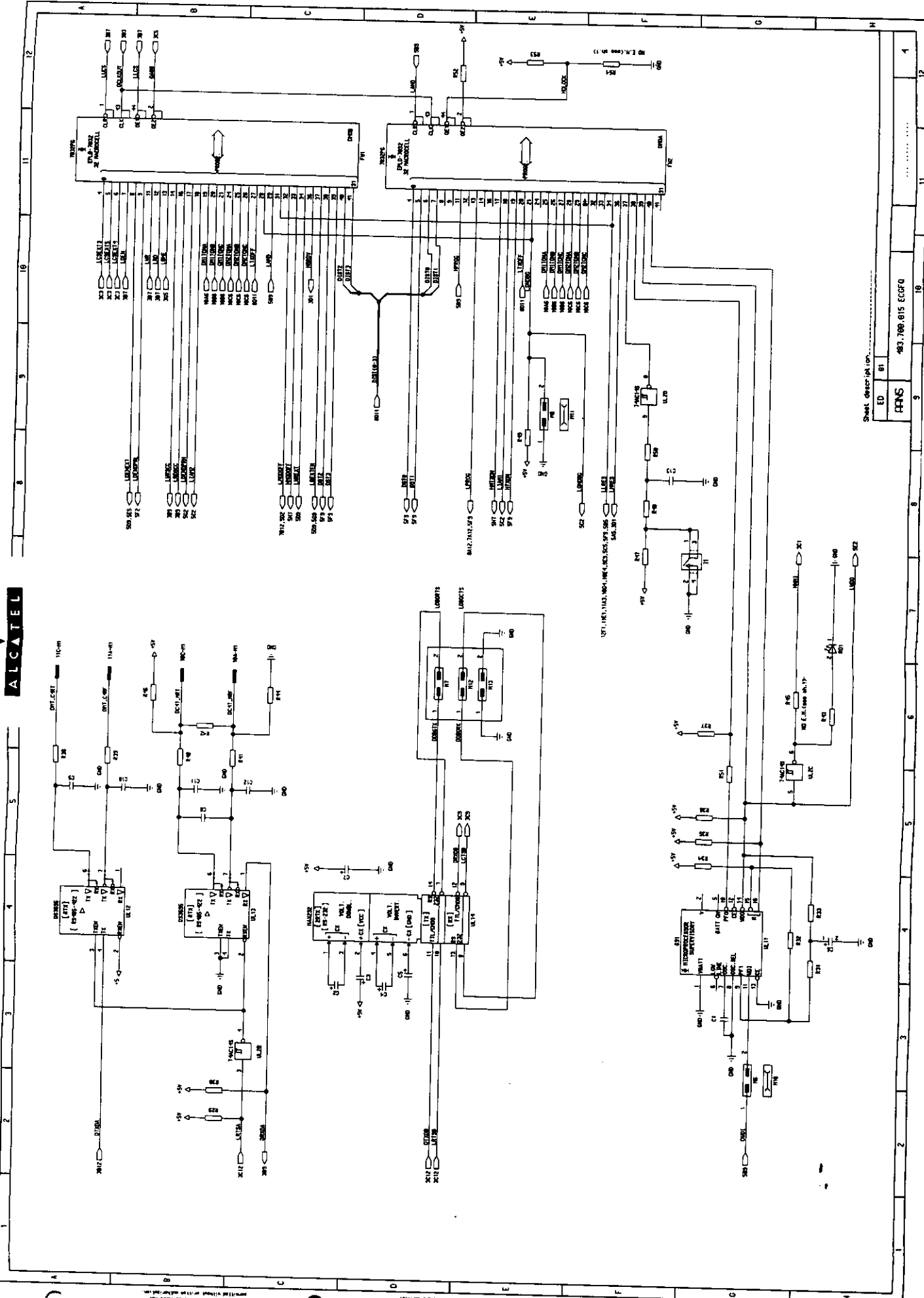


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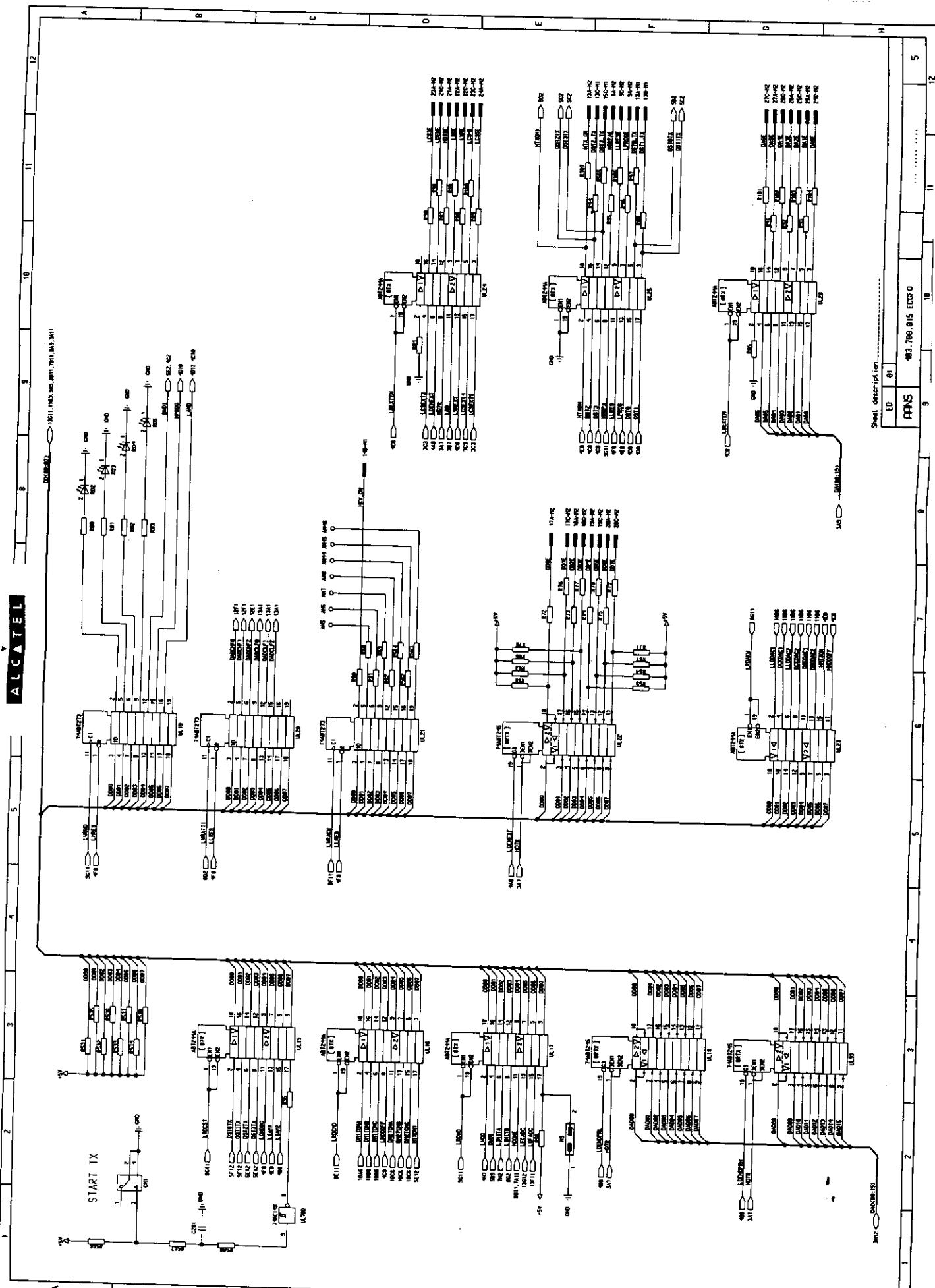
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ALCATEL



Sheet description

ED 01

PNNS

483.708.015 EDC00

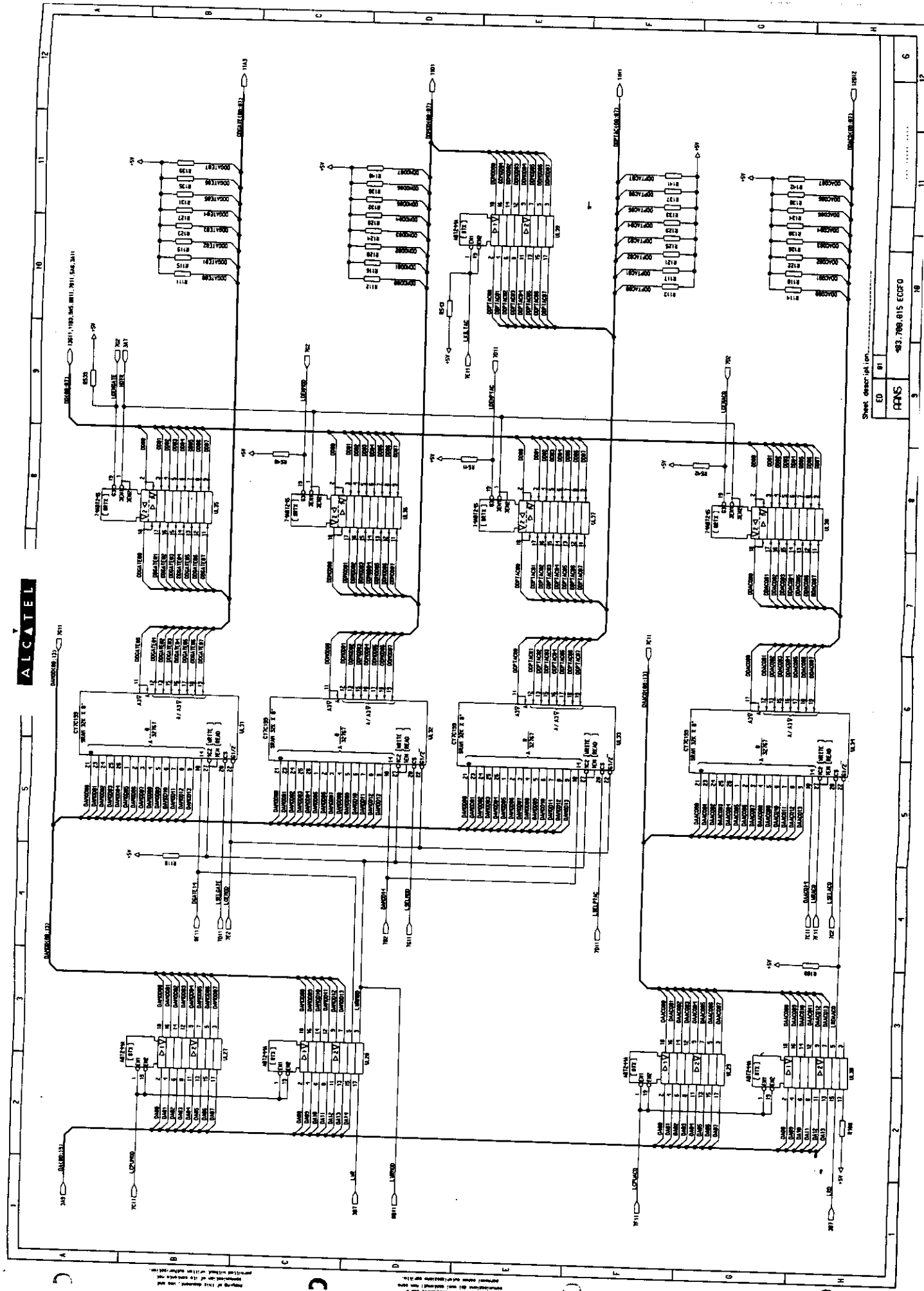
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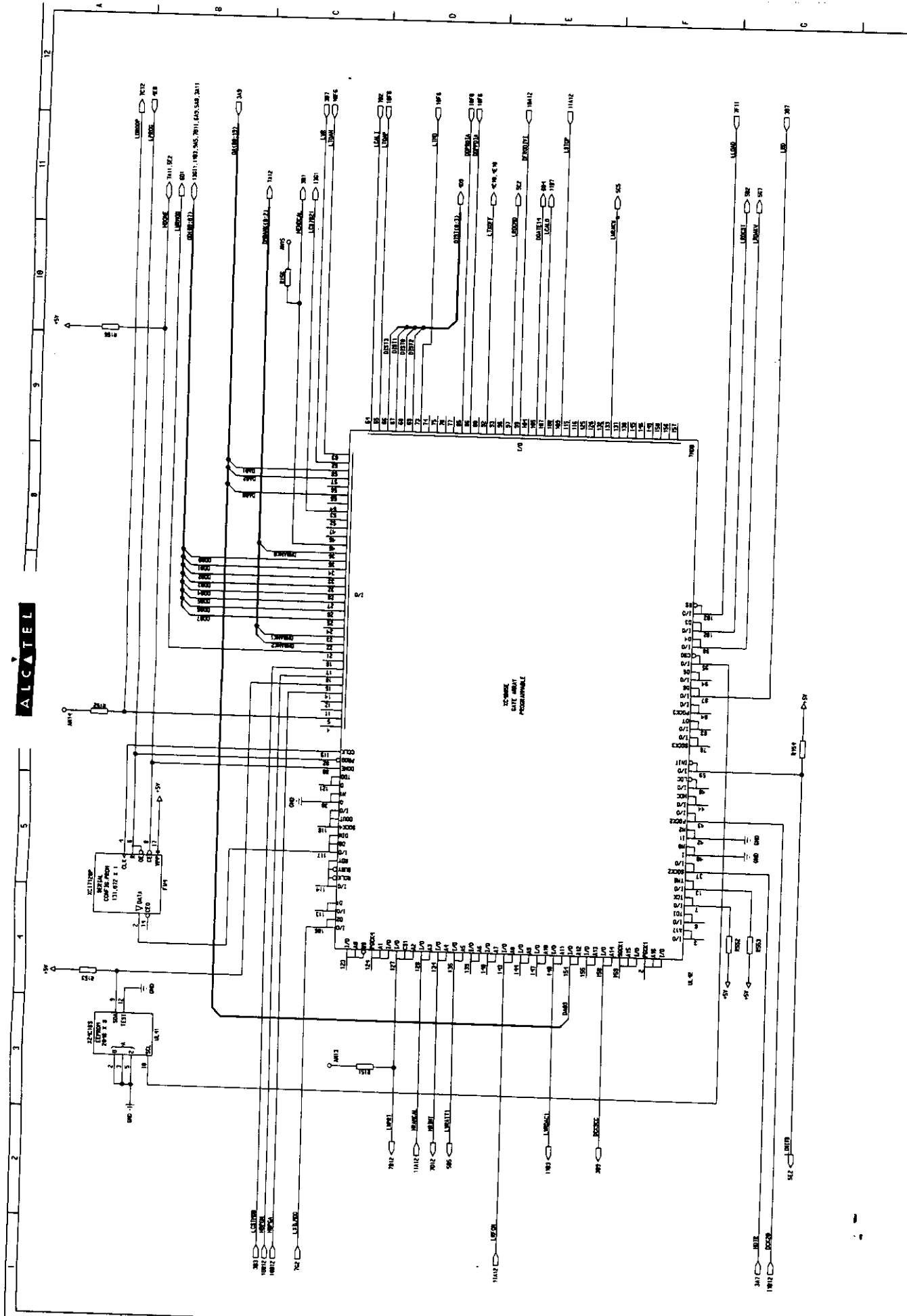
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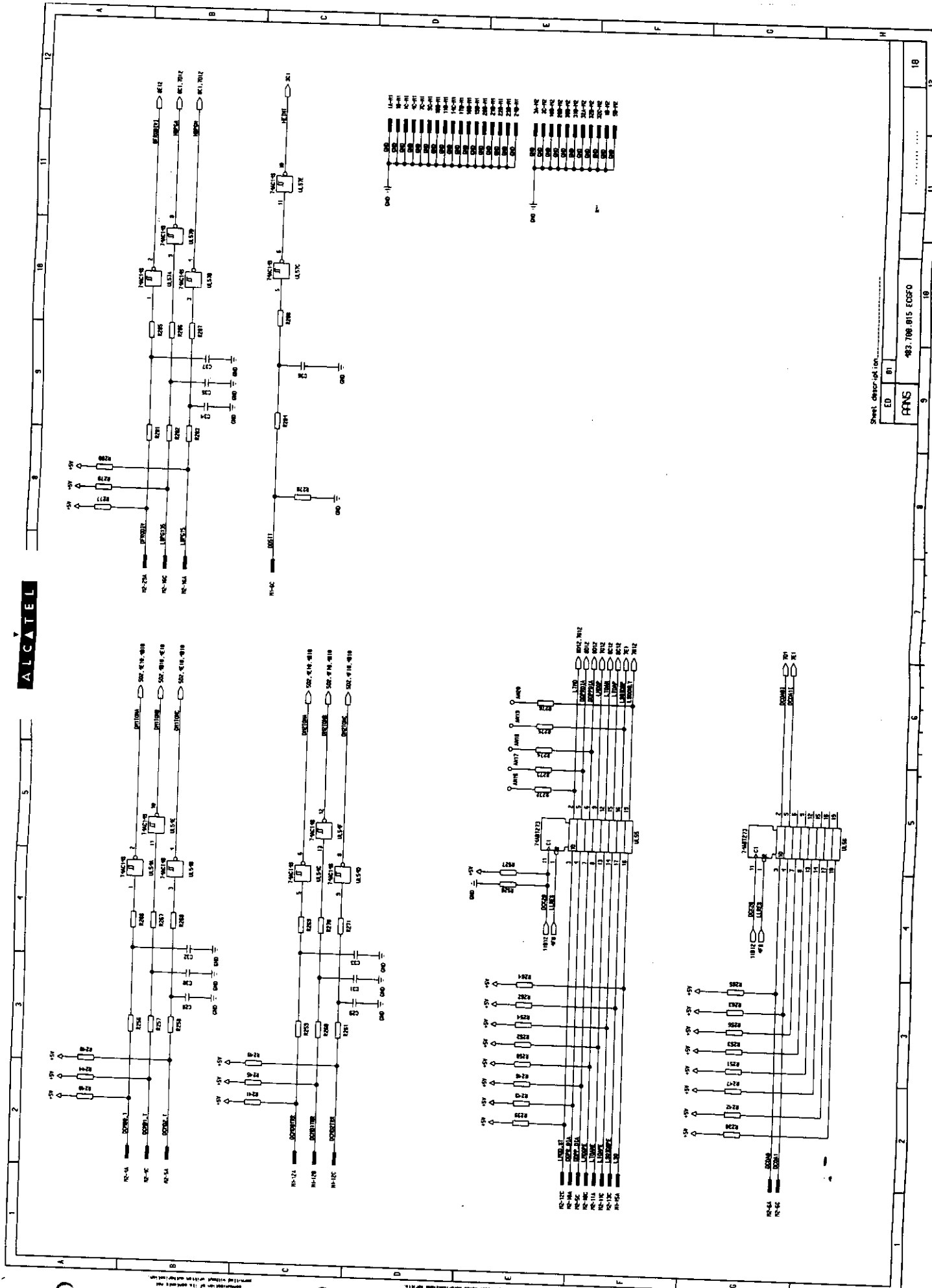
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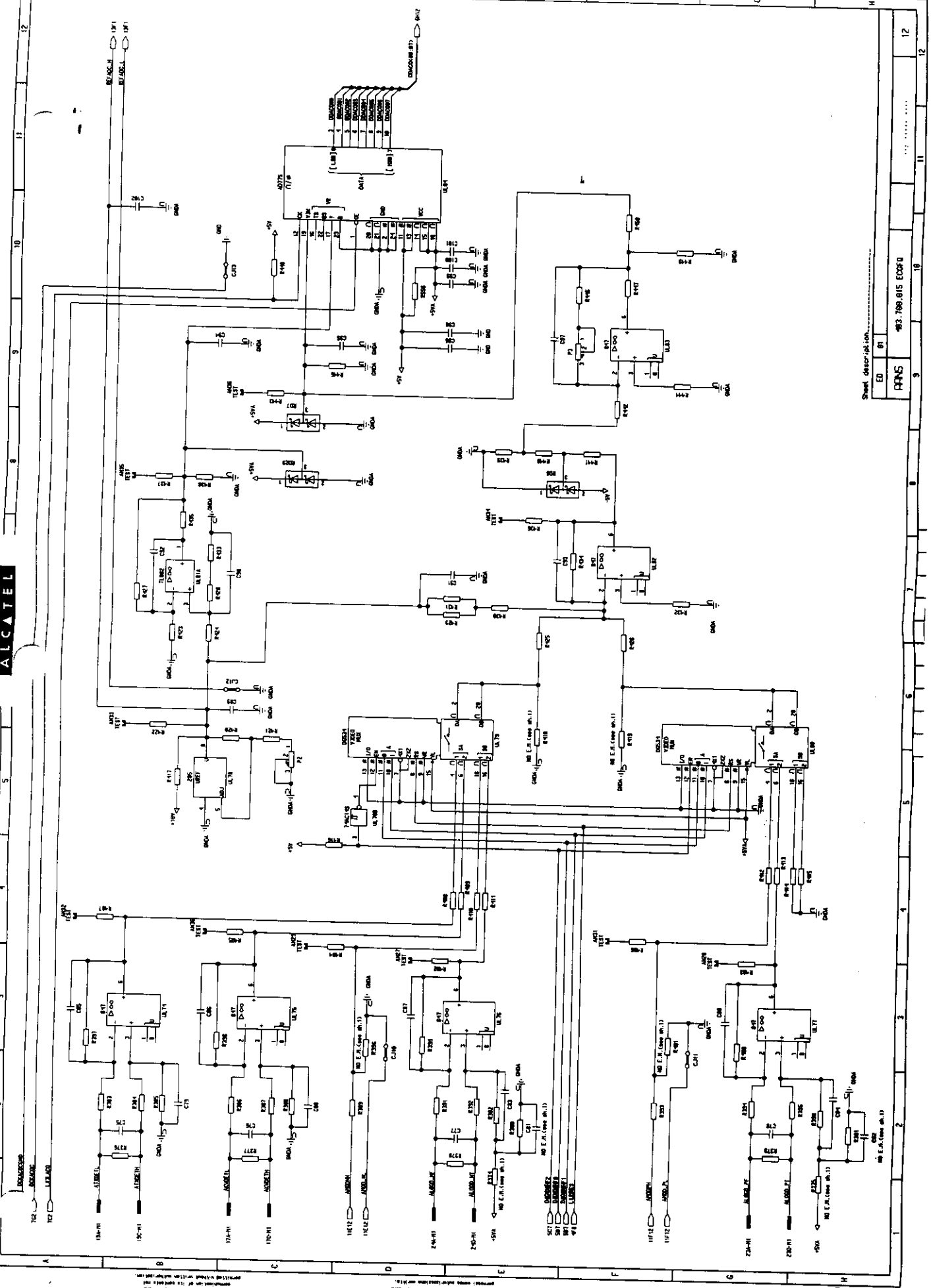


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ALCATEL



ALCATEL



Sheet description

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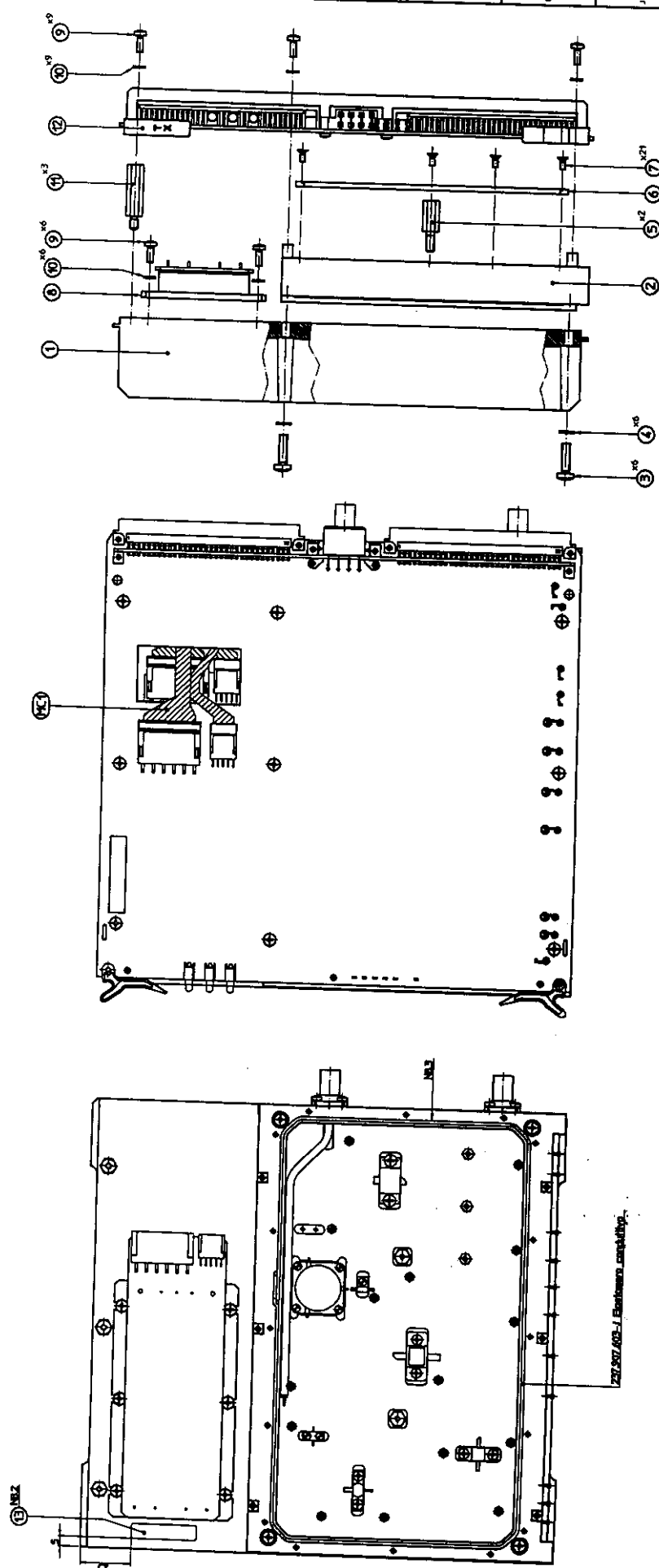
TX-100
P/N 487920001

COMPONENTE	RS N.R.	DESCRIZIONE	L PER.	RUCAU	UN	QTA	INTER.	FUNZ.	L CLUSF.	SUPP.	C P A	B L D
057580125	C	0001 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0002 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0003 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0004 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0005 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0006 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0007 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0008 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0009 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057580125	C	0010 C.100 PF 2% 500V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057675118	C	0011 C.10PF 1 % 150VCC CHIP H.F.	A2	51	N.	1,0000	054073	E05001 C				
057675118	C	0012 C.10PF 1 % 150VCC CHIP H.F.	A2	51	N.	1,0000	054073	E05001 C				
057580411	C	0013 C.6.8 PF 0.25 PF 150V CASE A	X7	05	N.	1,0000	054063	E05001 C				
057580411	C	0014 C.6.8 PF 0.25 PF 150V CASE A	X7	05	N.	1,0000	054063	E05001 C				
057653437	C	0015 C. 1000 PF 10%200V CASE 0805	A7	05	N.	1,0000	054003	E05001 C				
057580124	C	0016 C.1560 PF 2% 100V H.F. CASE B	A2	51	N.	1,0000	054433	E05001 C				
057653437	C	0017 C. 1000 PF 10%200V CASE 0805	A7	05	N.	1,0000	054003	E05001 C				
057653437	C	0018 C. 1000 PF 10%200V CASE 0805	A7	05	N.	1,0000	054003	E05001 C				
057653437	C	0019 C. 1000 PF 10%200V CASE 0805	A7	05	N.	1,0000	054003	E05001 C				
057653437	C	0020 C. 1000 PF 10%200V CASE 0805	A7	05	N.	1,0000	054003	E05001 C				
057653437	C	0021 C. 1000 PF 10%200V CASE 0805	A7	05	N.	1,0000	054003	E05001 C				
057675118	C	0022 C.10PF 1 % 150VCC CHIP H.F.	A2	51	N.	1,0000	054073	E05001 C				
053251222	C	0023 C. 1000 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251221	C	0024 C. 100 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251222	C	0025 C. 1000 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251222	C	0026 C. 1000 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251221	C	0027 C. 100 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251221	C	0028 C. 100 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251222	C	0029 C. 1000 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251221	C	0030 C. 100 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251221	C	0031 C. 100 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251221	C	0032 C. 100 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
053251221	C	0033 C. 100 PF FILTER 100V	A7	05	N.	1,0000	053649	E05003 C				
057580411	C	0034 C.6.8 PF 0.25 PF 150V CASE A	X7	05	N.	1,0000	054063	E05001 C				
0418300010	CR	0001 CIRCULATOR DROP-IN 962-1213 NHZ	A1	00	N.	1,0000	174073	E08026 C				
178110313	L	0001 INDUT.CHIP 10NH 20% CASE 1210	A1	00	N.	1,0000	174073	E08026 C				
178110313	L	0002 INDUT.CHIP 10NH 20% CASE 1210	A1	00	N.	1,0000	174073	E08026 C				
141700006	L	0003 INDUTTANZA IN ARIA 4 SPIRE	1	N.	N.	1,0000						
141700007	L	0004 INDUTTANZA IN ARIA 5 SPIRE	1	N.	N.	1,0000						
141700006	L	0005 INDUTTANZA IN ARIA 4 SPIRE	1	N.	N.	1,0000						
141700006	L	0006 INDUTTANZA IN ARIA 4 SPIRE	1	N.	N.	1,0000						
141700006	L	0007 INDUTTANZA IN ARIA 4 SPIRE	1	N.	N.	1,0000						
141700006	L	0008 INDUTTANZA IN ARIA 4 SPIRE	1	N.	N.	1,0000						
141700006	L	0009 INDUTTANZA IN ARIA 4 SPIRE	1	N.	N.	1,0000						
141700006	L	0010 INDUTTANZA IN ARIA 4 SPIRE	1	N.	N.	1,0000						
178118#	L	0011 INDUTT.COSIR.SU CIRC. FILM / PCS	A2	00	N.	1,0000	179509	E08315				Y
178118#	L	0012 INDUTT.COSIR.SU CIRC. FILM / PCS	A2	00	N.	1,0000	179509	E08315				Y
141700007	L	0013 INDUTTANZA IN ARIA 5 SPIRE	1	N.	N.	1,0000						
141700008	L	0014 INDUTTANZA IN ARIA 5 SPIRE	1	N.	N.	1,0000						
141700008	L	0015 INDUTTANZA IN ARIA 6 SPIRE	1	N.	N.	1,0000						
141700008	L	0016 INDUTTANZA IN ARIA 6 SPIRE	1	N.	N.	1,0000						
178110313	L	0017 INDUT.CHIP 10NH 20% CASE 1210	A1	00	N.	1,0000	174073	E08026 C				
041959000	MC	0001 CAVO COAX SHRGD	1	N.	N.	1,0000						
061025002	R	0001 R. 50 OHM 2% 1W CHIP	A2	51	N.	1,0000	064033	E06001 C				
061025002	R	0002 R. 50 OHM 2% 1W CHIP	A2	51	N.	1,0000	064033	E06001 C				
061025002	R	0003 R. 50 OHM 2% 1W CHIP	A2	51	N.	1,0000	064033	E06001 C				

(E865045-G782) ** ELENCO MATERIALE PART LIST ** DATA : 05/07/99 ORA : 13:42:18 PAG.= 2 DI PAG.= 2
 ICE DOC. = 487920001 HA GF F EDIZ.= 02 STP DT. DEC. INIZ : 1998-12-09 DT. DEC. FINE : 1998-05-05
 CR. = GRUPPO TX-100 RF R.S. = PH U.N. N. RU = 1 CAUS. = N.CIRC.IMPAG. = 0

COMPONENTE	RS	N.R.	DESCRIZIONE	ASS.=	QUAD.=	AREA=	0,00	LUNG=	0,000	LARG=	0,000	FRON=	0,00	RETR=	0,00
018300011	R	0004	R. 50 OHM 1% 10 W				1	N.	1,0000						
061011569	R	0005	R. 5.11 KOHM 1% 1/8W 0805				X7	10	N.	1,0000	064183		E06001	C	
061011569	R	0006	R. 5.11 KOHM 1% 1/8W 0805				X7	10	N.	1,0000	064183		E06001	C	
061022315	R	0007	R. 39,2 OHM 1% 1/4W CASE 1206				V7	10	N.	1,0000	064003		E06001	C	
061022315	R	0008	R. 39,2 OHM 1% 1/4W CASE 1206				V7	10	N.	1,0000	064003		E06001	C	
061022401	R	0009	R. 100 OHM 1% 1/4W CASE 1206				V7	10	N.	1,0000	064003		E06001	C	
061022401	R	0010	R. 100 OHM 1% 1/4W CASE 1206				V7	10	N.	1,0000	064003		E06001	C	
061022401	R	0011	R. 100 OHM 1% 1/4W CASE 1206				V7	10	N.	1,0000	064003		E06001	C	
061011569	R	0012	R. 5.11 KOHM 1% 1/8W 0805				X7	10	N.	1,0000	064183		E06001	C	
081034903	RD	0001	D.PIN 50V 0.5 OHM SMD REF.-Q.				V7	10	N.	1,0000	814543		E81011	C	
081035901	RD	0002	20 SH BV 1 A SOT23 H3M52R24				AS	21	N.	1,0000	814003		E81005	C	
018300012	RD	0003	D.PIN 30 DB 1 GHZ				1	N.	1,0000						
018300012	RD	0004	D.PIN 30 DB 1 GHZ				1	N.	1,0000						
081035901	RD	0005	20 SH BV 1 A SOT23 H3M52R24				AS	21	N.	1,0000	814003		E81005	C	
081035901	RD	0006	20 SH BV 1 A SOT23 H3M52R24				AS	21	N.	1,0000	814003		E81005	C	
082523309	TR	0001	NC TR SI NPN 2.3 GHZ 28V 5W				X	7	32	N.	1,0000				
082523312	TR	0002	NC TR SI NPN 960-1215MHZ 15W 40V				X	7	32	N.	1,0000				
082523312	TR	0003	NC TR SI NPN 960-1215MHZ 50V 50W				X	7	32	N.	1,0000				
082523311	TR	0004	NC TR SI NPN 960-1215MHZ 50V235W				X	7	32	N.	1,0000				
045990007	PM	0001	PIASTRA CIRC. STAMPATO (ER2.43)				1	N.	1,0000						
248102004	PM	0002	# TERMINALE				1	N.	15,0000						
249100100	PM	0003	CORNICE				1	N.	1,0000						
225110815	PM	0004	VITE TC CROCE N 3 X 15 ACC.INDX				A1	00	N.	4,0000					
236280308	PM	0005	ROSETTA E. 3,2 ACC.INDX				A1	00	N.	6,0000	210009			C	
225110706	PM	0006	VITE TC CROCE N 2,5X 6 ACC.INDX				A1	00	N.	8,0000	210019			C	
236280307	PM	0007	ROSETTA E. 2,8 ACC.INDX				A1	00	N.	14,0000	210009			C	
221710305	PM	0008	VITE TC N 2 X 5 ACC.INDX				A1	00	N.	1,0000	210019			C	
236280305	PM	0009	ROSETTA E. 2,2 ACC.INDX				A1	00	N.	9,0000					
221710306	PM	0010	VITE TC N 2 X 6 ACC.INDX				A1	00	N.	4,0000	210019			C	
225110705	PM	0011	VITE TC M 2 X 10 ACC.INDX				A1	00	N.	4,0000					
225110606	PM	0012	VITE TC CROCE N 2,5X 5 ACC.INDX				A1	00	N.	6,0000					
236071107	PM	0013	VITE TC CROCE M 3 X 6 ACC.INDX				A1	00	N.	2,0000	210009			C	
9026389	PM	0014	ROSETTA 3,2 X 7 ACC.INDX				A1	00	N.	2,0000	210009		E21001	C	
239100017	PM	0015	CONNETTIGRE TIPO CC-52				1	N.	1,0000						
							1	N.	3,0000						

13/07/99
 13:42:18



NR.1 Collegare con filo nudo Ø0,4
 e proteggere con isolante pila verde 954503
NR.2 Sottoporre a spazzare sec. NR. 6,7
NR.3 Rimuovere l'isolamento con una pinza di
 acciaio spessidica 9042907 ogni 30 mm

SCALE 11

Figure 1

58

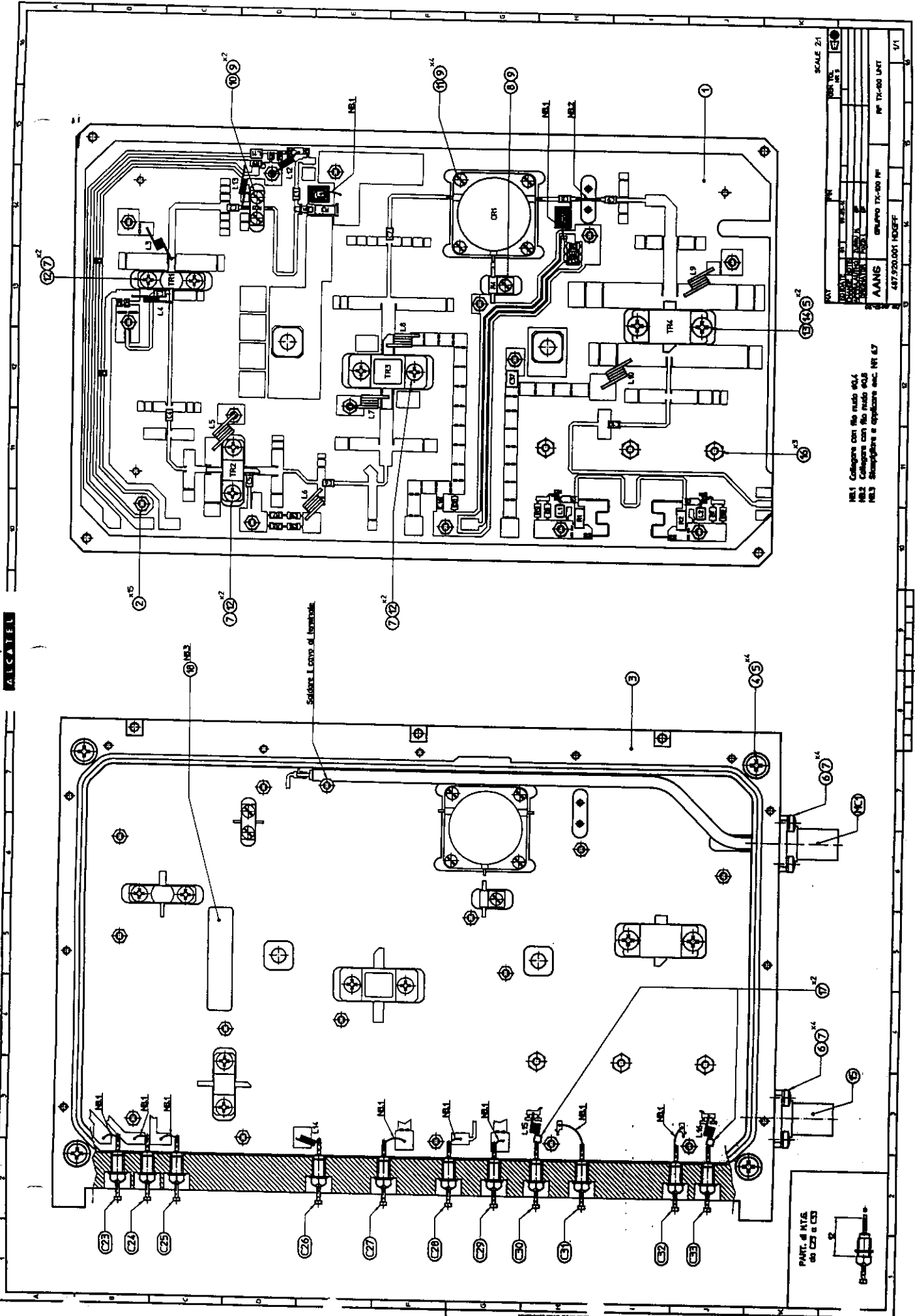
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NB.1 Collegare con filo nudo 90,4
 NB.2 Collegare con filo nudo 90,8
 NB.3 Stampatore e applicare sec. NR 6,7

SCALE 21

1151

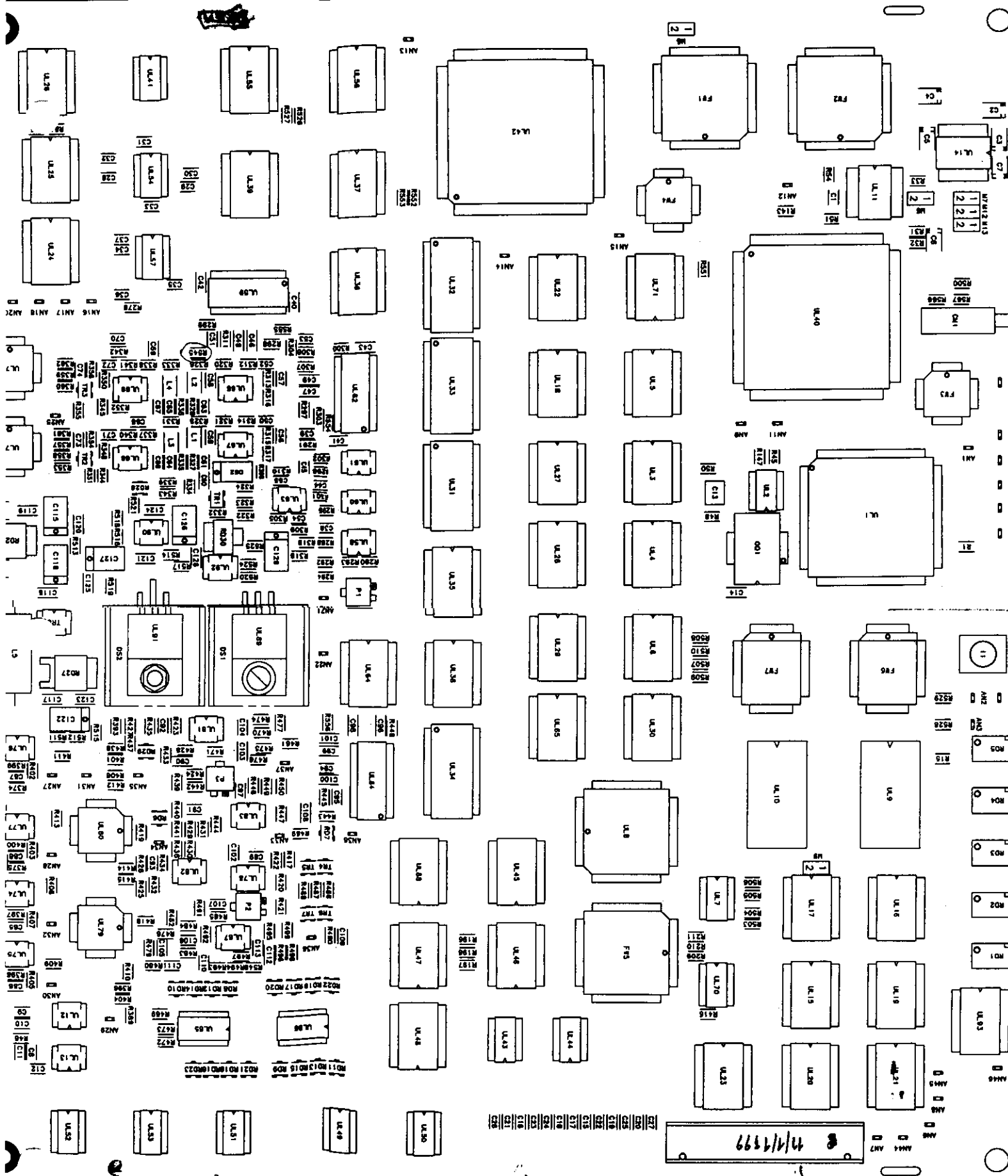
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UNIT

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TX-100 VIDEO
P/N 483700017



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R.S. :		R2	
PINS	SCHOOL Name	PTA	SCHOOL Name
31A	31A	30A1	30A1
31B	31B	30B	30B
31C	31C	30C	30C
31D	31D	30D	30D
31E	31E	30E	30E
31F	31F	30F	30F
31G	31G	30G	30G
31H	31H	30H	30H
31I	31I	30I	30I
31J	31J	30J	30J
31K	31K	30K	30K
31L	31L	30L	30L
31M	31M	30M	30M
31N	31N	30N	30N
31O	31O	30O	30O
31P	31P	30P	30P
31Q	31Q	30Q	30Q
31R	31R	30R	30R
31S	31S	30S	30S
31T	31T	30T	30T
31U	31U	30U	30U
31V	31V	30V	30V
31W	31W	30W	30W
31X	31X	30X	30X
31Y	31Y	30Y	30Y
31Z	31Z	30Z	30Z
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31AI	31AI	30AI	30AI
31AJ	31AJ	30AJ	30AJ
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31CJ	31CJ	30CJ	30CJ
31CK	31CK	30CK	30CK
31CL	31CL	30CL	30CL
31CM	31CM	30CM	30CM
31CN	31CN	30CN	30CN
31CO	31CO	30CO	30CO

R.S. :		M3			
PINS	SEGNAL	FVX	PINS	SEGNAL	FVX
4A	P-150T	SEBT	4C	P-150T	SEBT
3A	P-150T	SAMI	3C	P-150T	SAMI
2A	P-150T	SEBT	2C	P-150T	SEBT
1A	P-150T	SEBT	1C	P-150T	SEBT

[illegible]

INFORMAZIONI OPERATIVE - Working Information

ED DATE	01	02	950827	950822
CHANGE NOTE				
APPL. AUTH.	A CASMAN	05	1. CASMAN	05
USE INTRIC	P. JANE11	05	P. JANE11	05
GRUPPO TX-100 VIDEO				
TX-100 video unit				

RAI (R)	A. LASSPARI	GR	A. LASSPARI	GR
RAI (R)	P. ZANETTI	GR	P. ZANETTI	GR

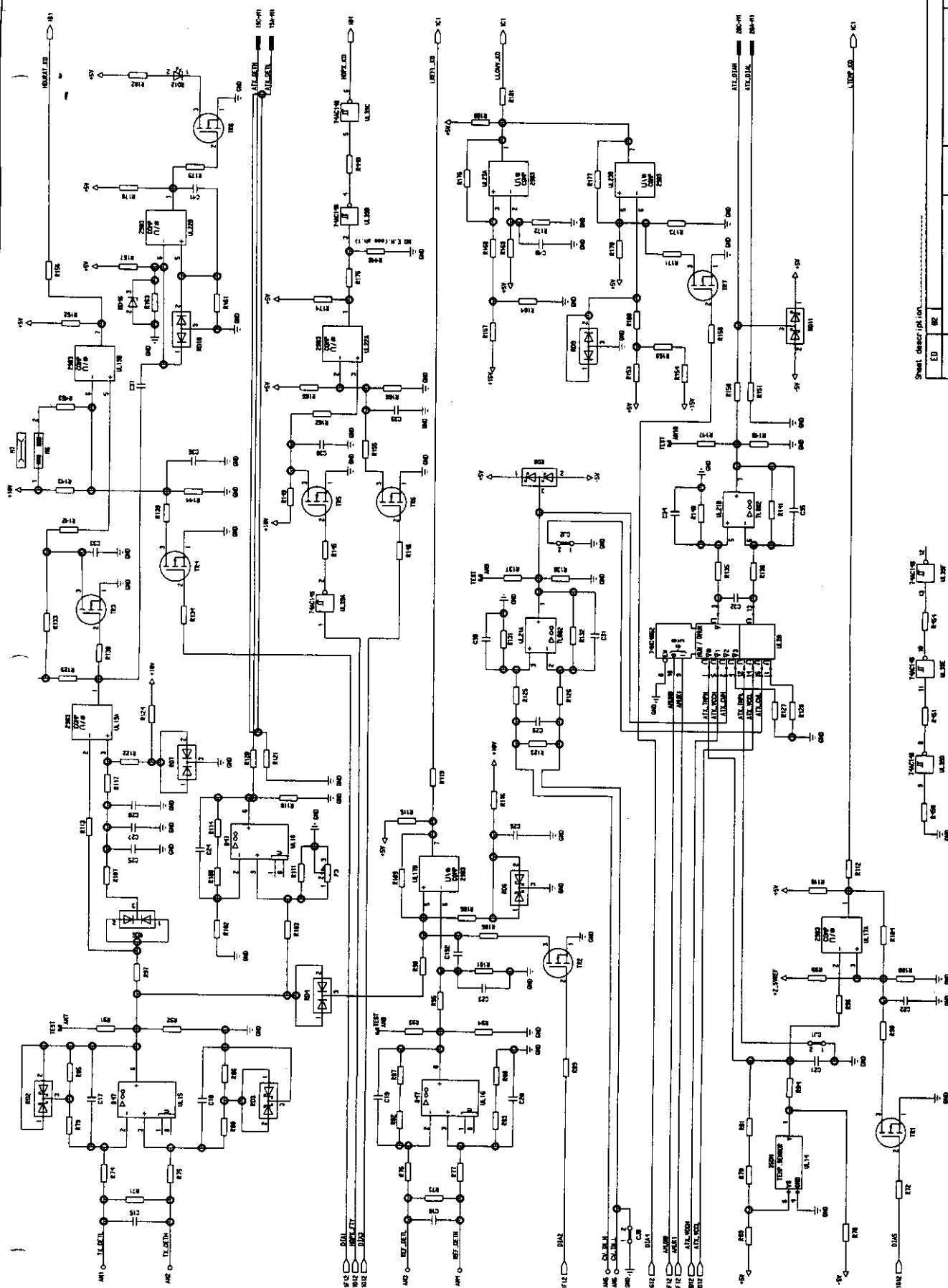
GRUPPO TX-198 VIDEO

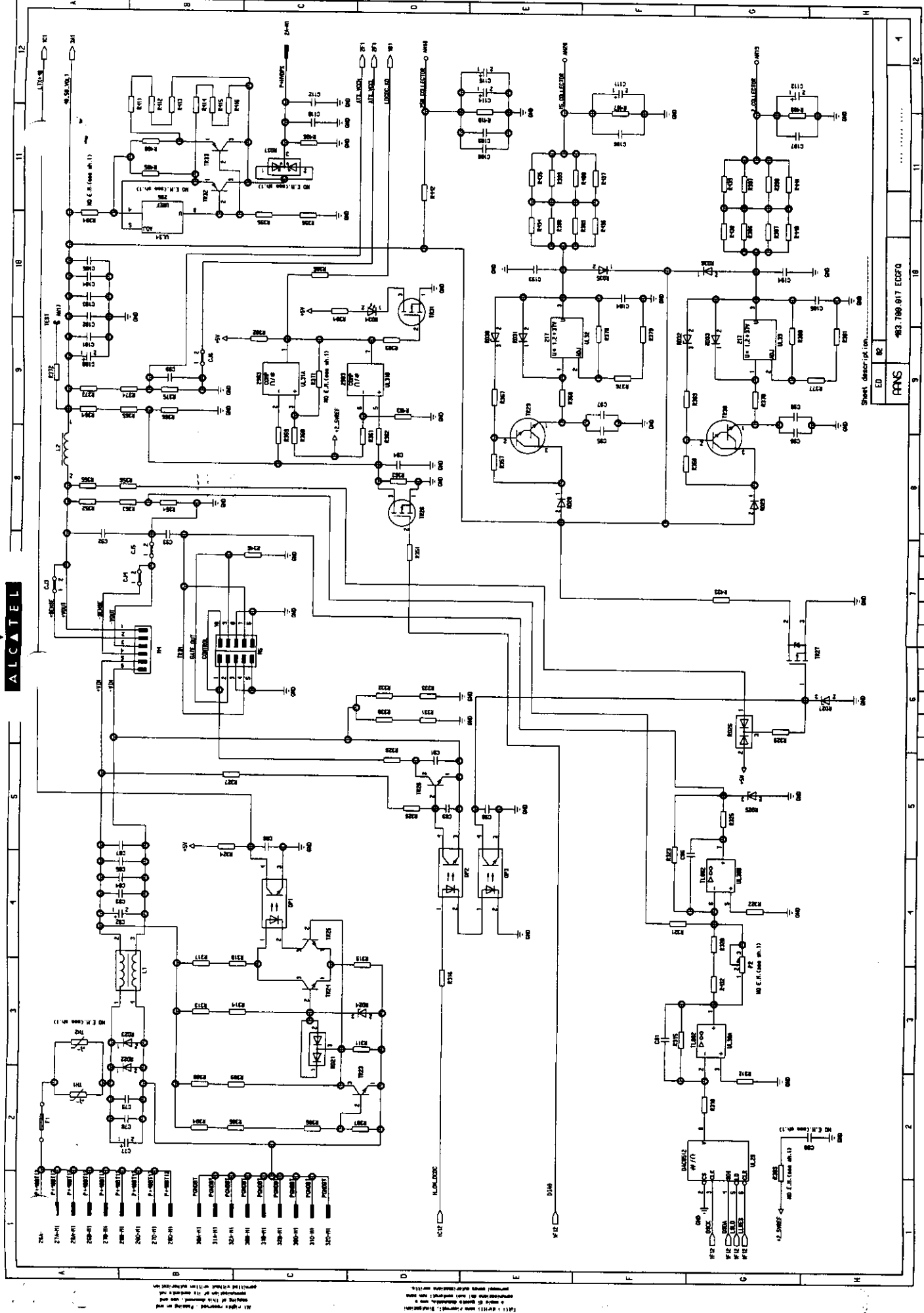
TX-198 video unit

483.700.017 EJCFO	...	...	...	EJ
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ALIM R.S.	ONE COMPONENTI Set Reference	Components Power Supply	
		SCHEMI Point	PINS
PM		15V	3.15.22.26
		0V	16.22.26.32
14.1.2.3.4.11.12		15V	28
14.1.2.3.4.11.12		0V	14
14.3.4.5.7.8.21.28		0V	7
14.6		15V	3
		0V	4
14.13		0V	5
14.15.16.17.25.26.27		15V	7
14.17.19.22.23.24		0V	8
14.29		15V	16
14.27.30		0V	8
14.23		15V	8
		0V	7

NOTE - Notes.
'M' NELLA LISTA RIFERIMENTI E 'NO E.N.' SUI FOGLI DI SCHEMA
INDIVIDUANO COMPONENTI NON PRESENTI NELL'E.N. DELLO SCHEMA
(USATI SOLO PER ESSERNE CAU TELETTA)
'I' on the reference list and 'NO E.N.' on the schematic
sheets components not mentioned on schematic Parts
List which are for factory use only.



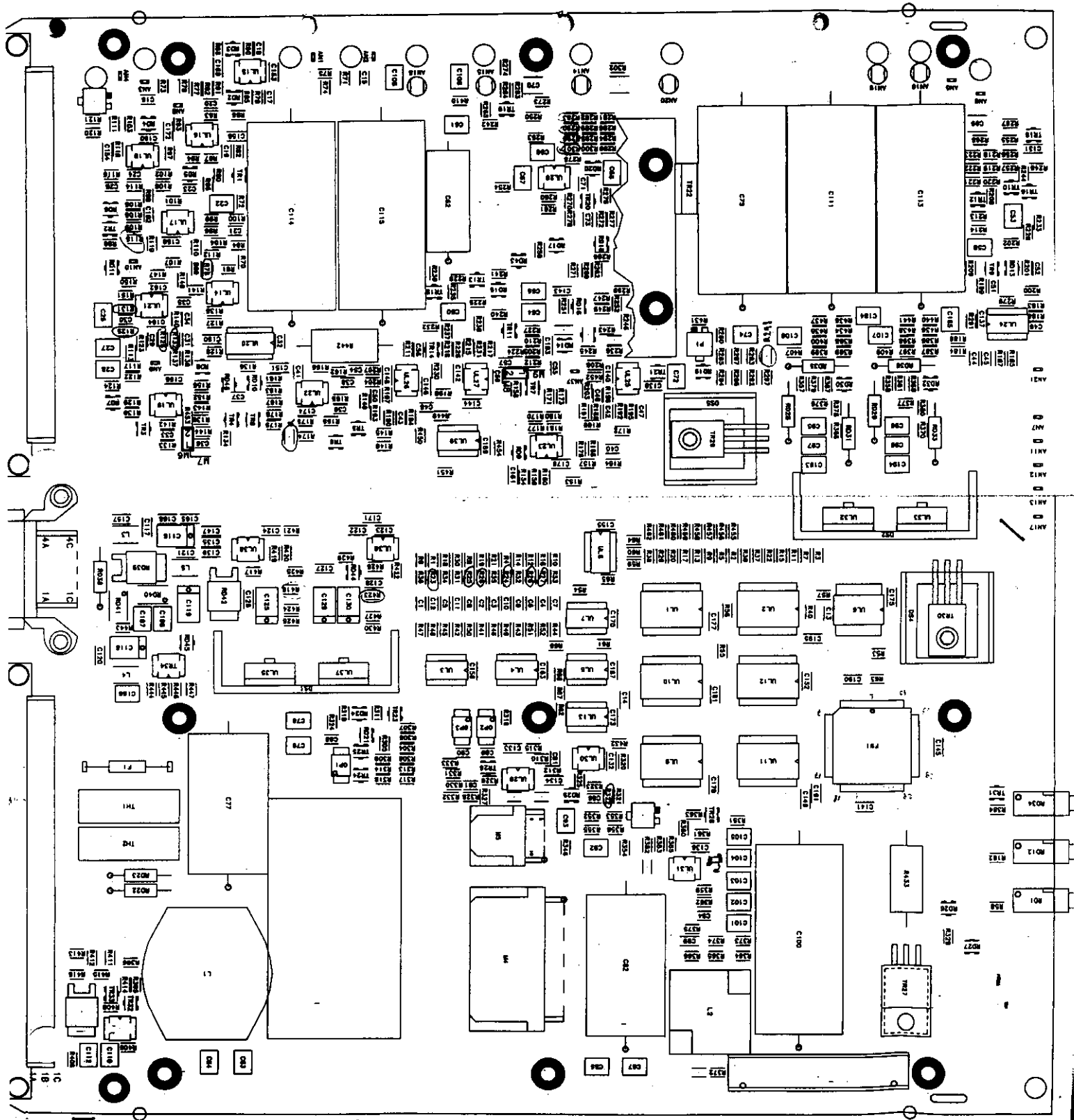


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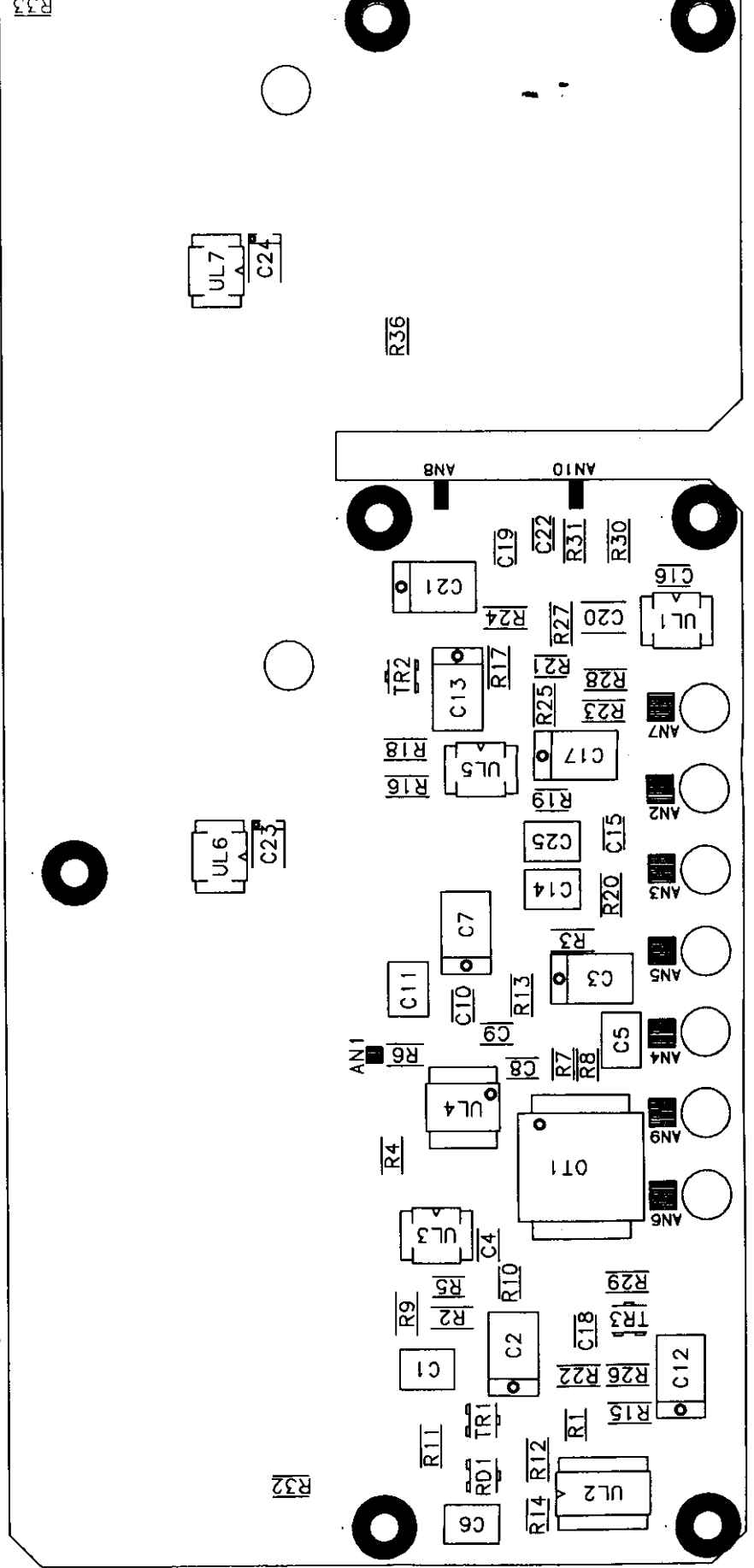
RNS

483.789.917 E0570

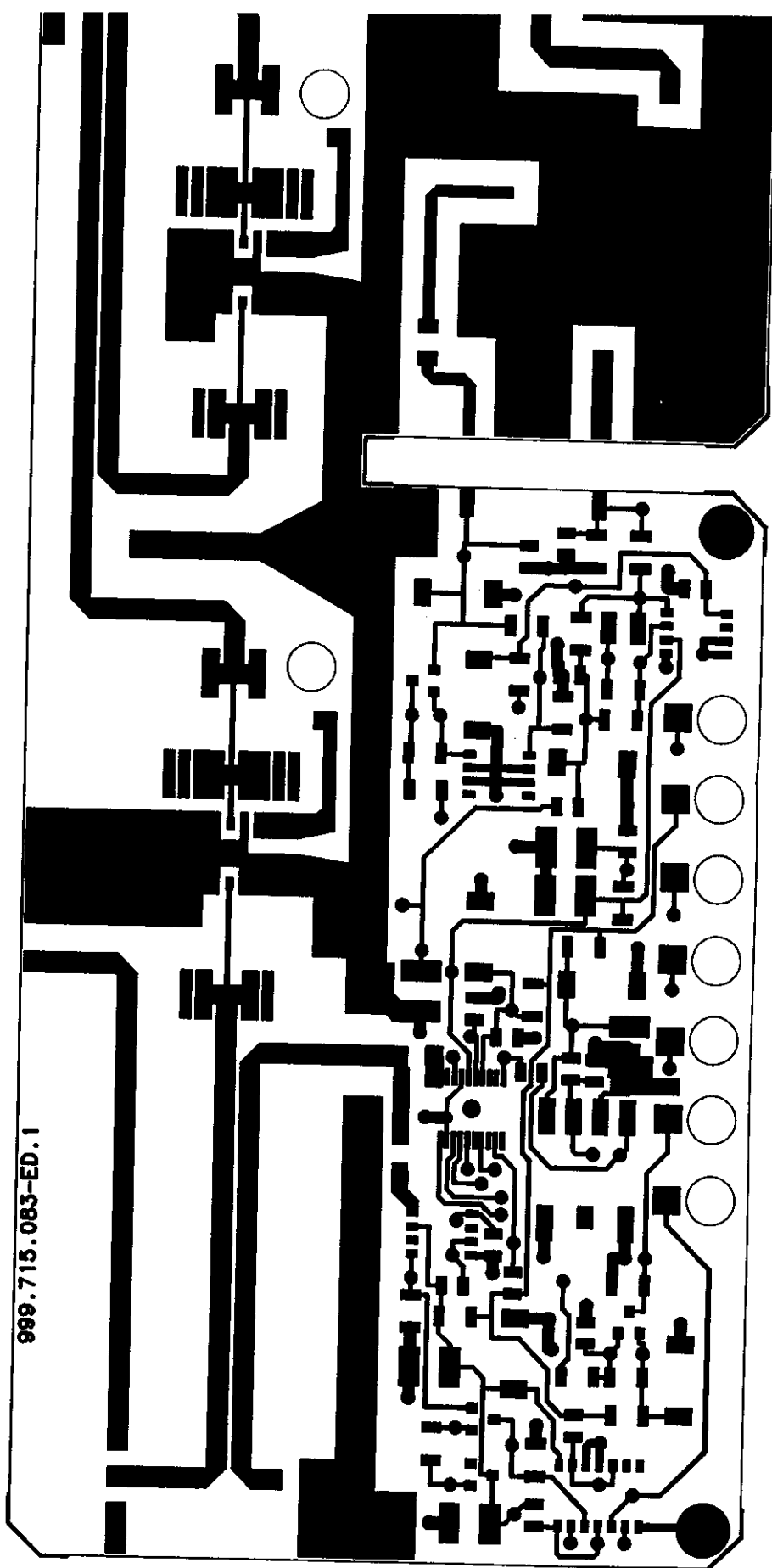




999.715.083 E.D.1 SYNTHESIZER (474930010)

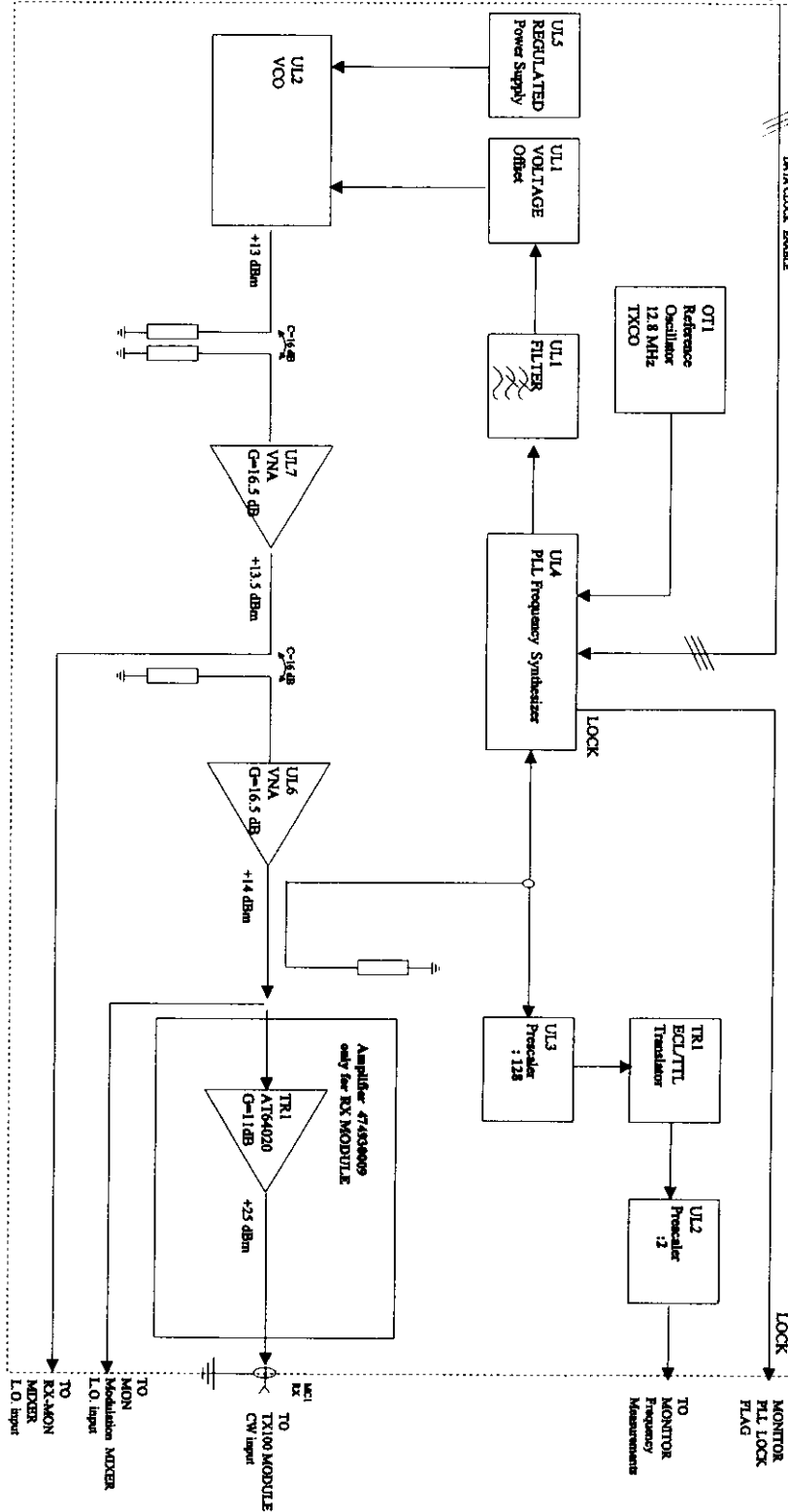


999.715.083-ED.1



RX - MON MODULES

Synthesizer RF UNIT 474930010



Notes:
The REFERENCES to the components shown on this Block Diagram (e.g. UL1, UL2, ...) have LINED UP to the current editions of the electric diagrams.

ED	01	29 June 1999	ORIGINATOR: ZAN
BLOCK DIAGRAM			
NAME: 4154/4155 RF SYNTHESIZER			
for Receiver & Receiver Modules			