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1AA 00014 0003 (9308) B - CONCEPT [9602]

1. ALL ELECTRICAL SIGNAL NAMES AND COMPONENTS ARE LISTED IN THE CROSS REFERENCE TABLES.
2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTANCE VALUES ARE IN OHMS
ALL CAPACITANCE VALUES ARE IN MICROFARADS
ALL INDUCTANCE VALUES ARE IN MICROHENRIES
3. INTEGRATED CIRCUIT TYPE NUMBERS SHOWN ARE THOSE NORMALLY EQUIPPED. EQUIVALENT TYPES MAY BE SUBSTITUTED AT TIME OF MANUFACTURE WITH APPROVAL OF ALCATEL COMPONENT APPLICATION ENGINEERING.

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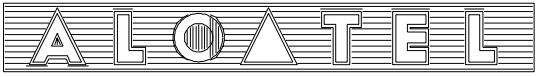
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TITLE=04138AB
LAST_MODIFIED=Wed Sep 18 14:01:12 2002

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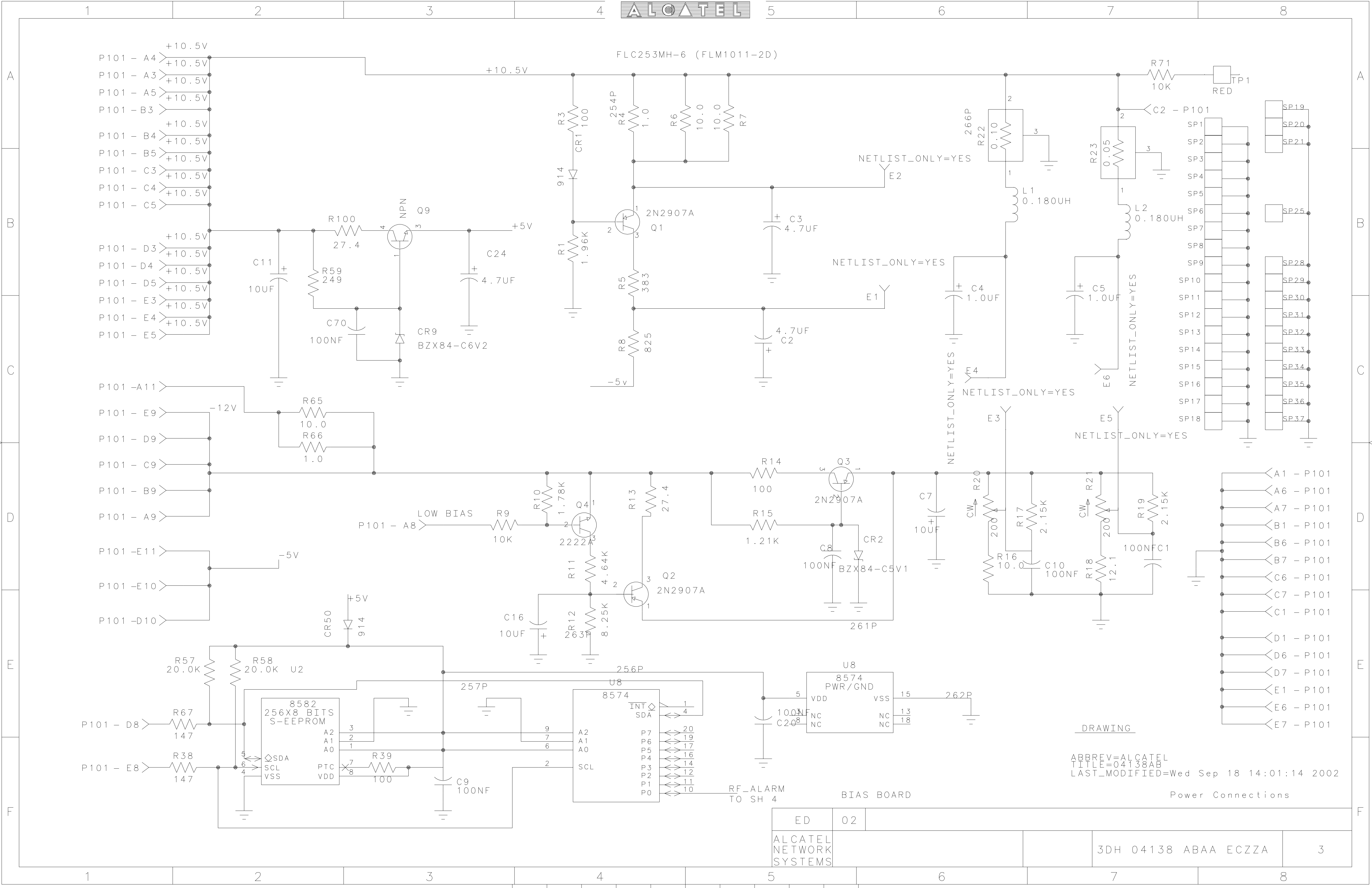
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CHANGE NOTE	EMR10526	F43568	
APPRA AUTHO	Duane Mortensen	Duane Mortensen	
ORIGINATOR	Paul Lorenz	Paul Lorenz	
ALCATEL NETWORK SYSTEMS	MDR-8000 UD-51Z,UD-51AA)	SCHEMATIC BIAS BOARD	
		3DH 04138 ABAA ECZZA	1/6





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DRAWING

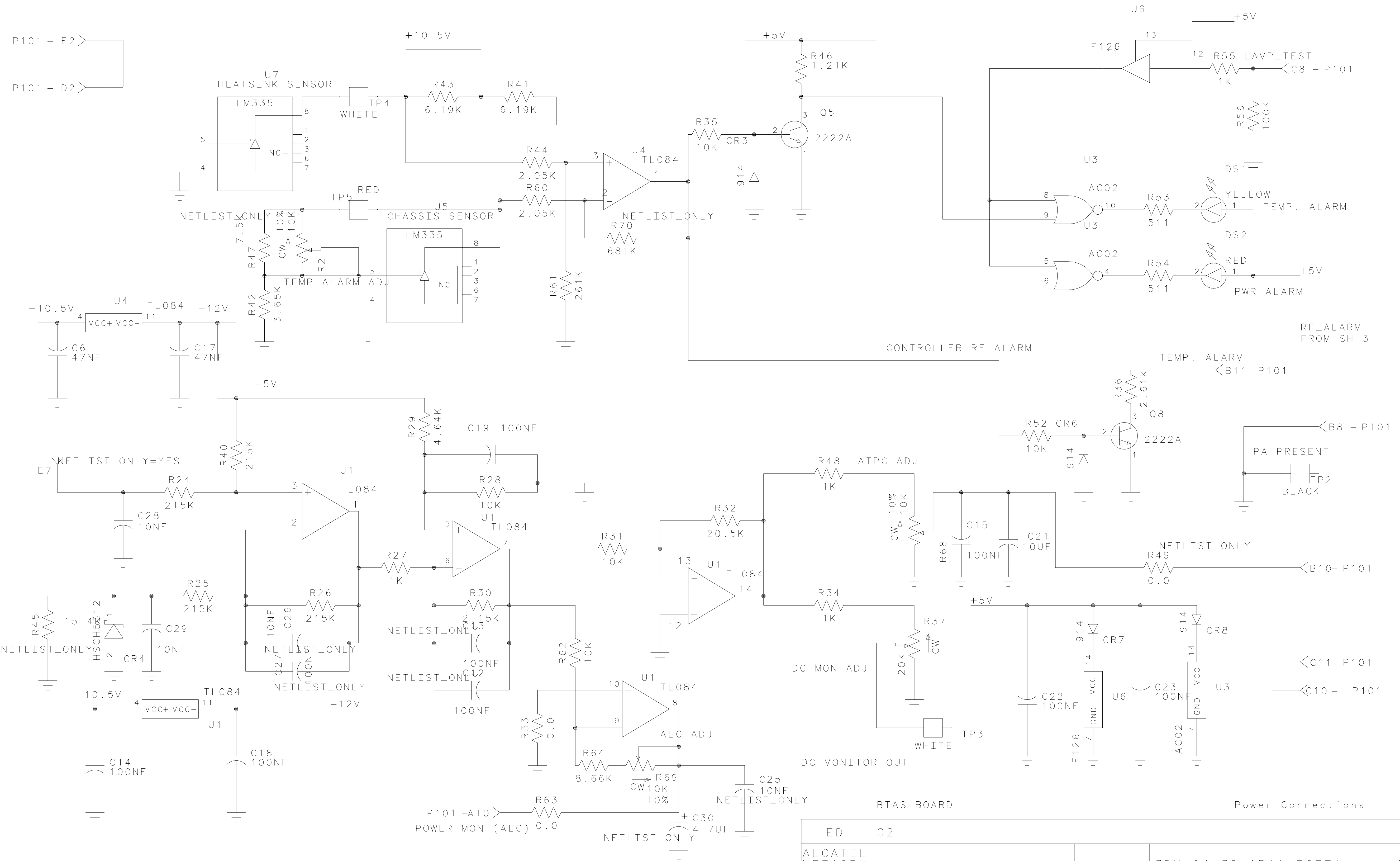
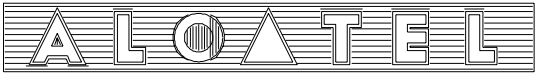
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Power Connections

ED	02		
ALCATEL NETWORK SYSTEMS		3DH 04138 ABAA ECZZA	3

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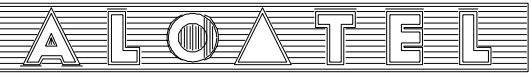
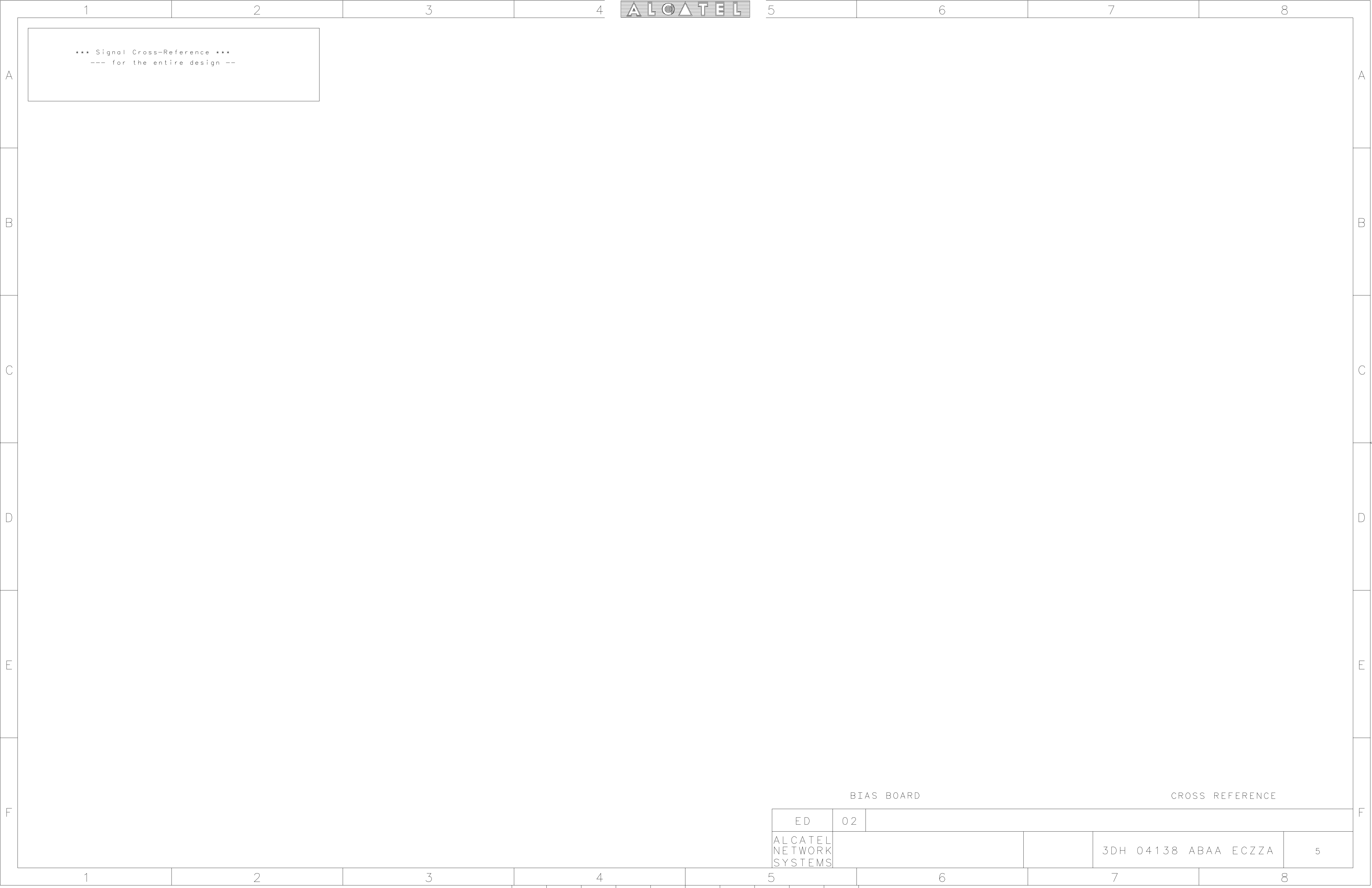
1AA 00014 0003 (9308) B - CONCEPT [9602]



ED	02		
ALCATEL NETWORK SYSTEMS		3DH 04138 ABAA ECZZA	4

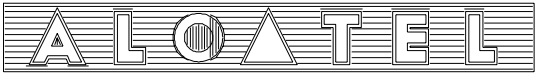
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A
B
C
D
E
F

A
B
C
D
E
F

*** Unit Cross-Reference *** --- for the entire design ---		
C1	CAP	3D7
C2	CAPP	3C5
C3	CAPP	3B5
C4	CAPP	3B6
C5	CAPP	3B7
C6	CAP	4C1
C7	CAPP	3D6
C8	CAP	3D5
C9	CAP	3F3
C10	CAP	3D7
C11	CAPP	3B2
C12	CAP	4E3
C13	CAP	4E3
C14	CAP	4F1
C15	CAP	4D6
C16	CAPP	3E3
C17	CAP	4C2
C18	CAP	4F2
C19	CAP	4D3
C20	CAP	3E5
C21	CAPP	4D6
C22	CAP	4E6
C23	CAP	4E7
C24	CAPP	3B3
C25	CAP	4F5
C26	CAP	4E2
C27	CAP	4E2
C28	CAP	4D1
C29	CAP	4E2
C30	CAPP	4F4
C70	CAP	3C2
CR1	DIODE_SOT23	3B4
CR2	ZENER_SOT23	3D6
CR3	DIODE_SOT23	4B5
CR4	SHKY_DIODE	4E1
CR6	DIODE_SOT23	4D6
CR7	DIODE_SOT23	4E7
CR8	DIODE_SOT23	4E7
CR9	ZENER_SOT23	3C3
CR50	DIODE_SOT23	3E2
DS1	LED	4B7
DS2	LED	4B7
E1	V1R0_JACK	3C6
E2	V1R0_JACK	3B6
E3	V1R0_JACK	3C6
E4	V1R0_JACK	3C6
E5	V1R0_JACK	3C7
E6	V1R0_JACK	3C7
E7	V1R0_JACK	4D1
L1	IND	3B6
L2	IND	3B7
P101	RA55R0	3A1 3A1 3A7 3B1 3B1 3B1 3C1 3C1 3C1 3D1 3D1 3D3 3D8 3D8 3E1 3E1 3E8 3E8 3F1 4A1 4A8 4C7 4D8 4D8 4E8 4F3
Q1	PNP_R	3B4
Q2	PNP_R	3D4
Q3	PNP_R	3D5
Q4	NPN_R	3D4
Q5	NPN_R	4B5
Q8	NPN_R	4C7
Q9	XSTR_NPN_BIPOLAR_1	3B3
R1	RES	3B4
R2	RES_VAR	4B2
R3	RES	3A4

R4	RES	3A4
R5	RES	3B4
R6	RES	3A4
R7	RES	3A5
R8	RES	3C4
R9	RES	3D3
R10	RES	3D4
R11	RES	3D4
R12	RES	3E4
R13	RES	3D4
R14	RES	3D5
R15	RES	3D5
R16	RES	3D6
R17	RES	3D6
R18	RES	3D7
R19	RES	3D7
R20	RES_VAR	3D6
R21	RES_VAR	3D7
R22	RES_PWR	3A6
R23	RES_PWR	3B7
R24	RES	4D2
R25	RES	4E2
R26	RES	4E2
R27	RES	4D3
R28	RES	4D3
R29	RES	4D3
R30	RES	4E3
R31	RES	4D4
R32	RES	4D5
R33	RES	4E4
R34	RES	4E5
R35	RES	4B4
R36	RES	4C7
R37	RES_VAR	4E6
R38	RES	3F2
R39	RES	3F3
R40	RES	4D2
R41	RES	4A3
R42	RES	4C2
R43	RES	4A3
R44	RES	4B4
R45	RES	4E1
R46	RES	4A5
R47	RES	4B2
R48	RES	4D5
R49	RES	4D7
R52	RES	4D6
R53	RES	4B7
R54	RES	4C7
R55	RES	4A7
R56	RES	4B7
R57	RES	3E2
R58	RES	3E2
R59	RES	3B2
R60	RES	4B4
R61	RES	4C4
R62	RES	4E4
R63	RES	4F4
R64	RES	4F4
R65	RES	3C2
R66	RES	3C2
R67	RES	3E2
R68	RES_VAR	4D6
R69	RES_VAR	4F4
R70	RES	4B4
R71	RES	3A7
R100	RES	3B3

SP1	SINGLE_PIN	3A7
SP2	SINGLE_PIN	3A7
SP3	SINGLE_PIN	3B7
SP4	SINGLE_PIN	3B7
SP5	SINGLE_PIN	3B7
SP6	SINGLE_PIN	3B7
SP7	SINGLE_PIN	3B7
SP8	SINGLE_PIN	3B7
SP9	SINGLE_PIN	3B7
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SP11	SINGLE_PIN	3C7
SP12	SINGLE_PIN	3C7
SP13	SINGLE_PIN	3C7
SP14	SINGLE_PIN	3C7
SP15	SINGLE_PIN	3C7
SP16	SINGLE_PIN	3C7
SP17	SINGLE_PIN	3C7
SP18	SINGLE_PIN	3C7
SP19	SINGLE_PIN	3A8
SP20	SINGLE_PIN	3A8
SP21	SINGLE_PIN	3A8
SP25	SINGLE_PIN	3B8
SP28	SINGLE_PIN	3B8
SP29	SINGLE_PIN	3B8
SP30	SINGLE_PIN	3C8
SP31	SINGLE_PIN	3C8
SP32	SINGLE_PIN	3C8
SP33	SINGLE_PIN	3C8
SP34	SINGLE_PIN	3C8
SP35	SINGLE_PIN	3C8
SP36	SINGLE_PIN	3C8
SP37	SINGLE_PIN	3C8
TP1	JACK_TEST_1	3A8
TP2	JACK_TEST_1	4D8
TP3	JACK_TEST_1	4E6
TP4	JACK_TEST_1	4B3
TP5	JACK_TEST_1	4B2
U1	TL084	4D3 4D4 4E2 4E4
U2	8582	3E2
U3	AC02	4B7 4E7
U4	TL084	4B4 4C1
U5	LM335	4B3
U6	F126	4A7 4E7
U7	LM335	4A2
U8	8574	3E4 3E5

BIAS BOARD

CROSS REFERENCE

END OF DOCUMENT

ED	02				
ALCATEL NETWORK SYSTEMS				3DH 04138 ABAA ECZZA	6

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