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1 2 3 4 **ALCATEL** 5 6 7 8

- NOTES:
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.



A
B
C
D
E
F

A
B
C
D
E
F

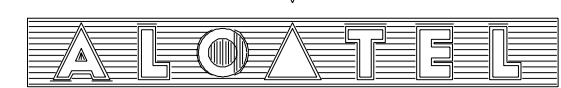
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DRAWING
 ABBREV=ALCATEL
 TITLE=03237AK
 LAST_MODIFIED=Wed Mar 27 12:57:01 2002

ED	REL DATE	01	020226				
CHANGE NOTE	EMR09525						
APPRA AUTHO	DUANE MORTENSEN						
ORIGINATOR	Rachel Such						
ALCATEL NETWORK SYSTEMS	MDR 8000 UD_36AQ-()			SCHEMATIC L6_RF_MODULATOR			
						3DH 03237 AKA A ECZZA	1/10

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Put your block diagram here. Use components from the library A_blockdia.

Do not put circuitry on this page--start on page 3.

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

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TITLE=03237AK
LAST_MODIFIED=Tue Feb 26 11:40:30 CST 2002

L6_RF_MODULATOR

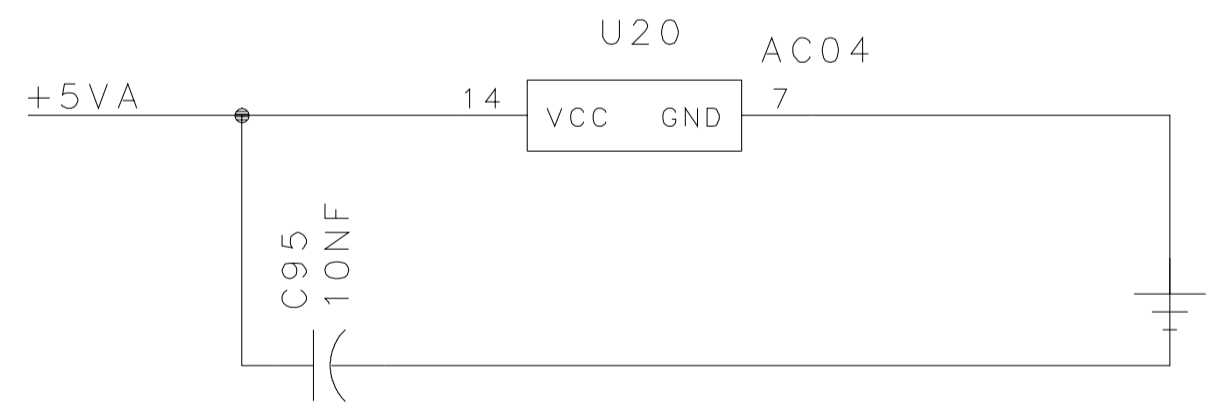
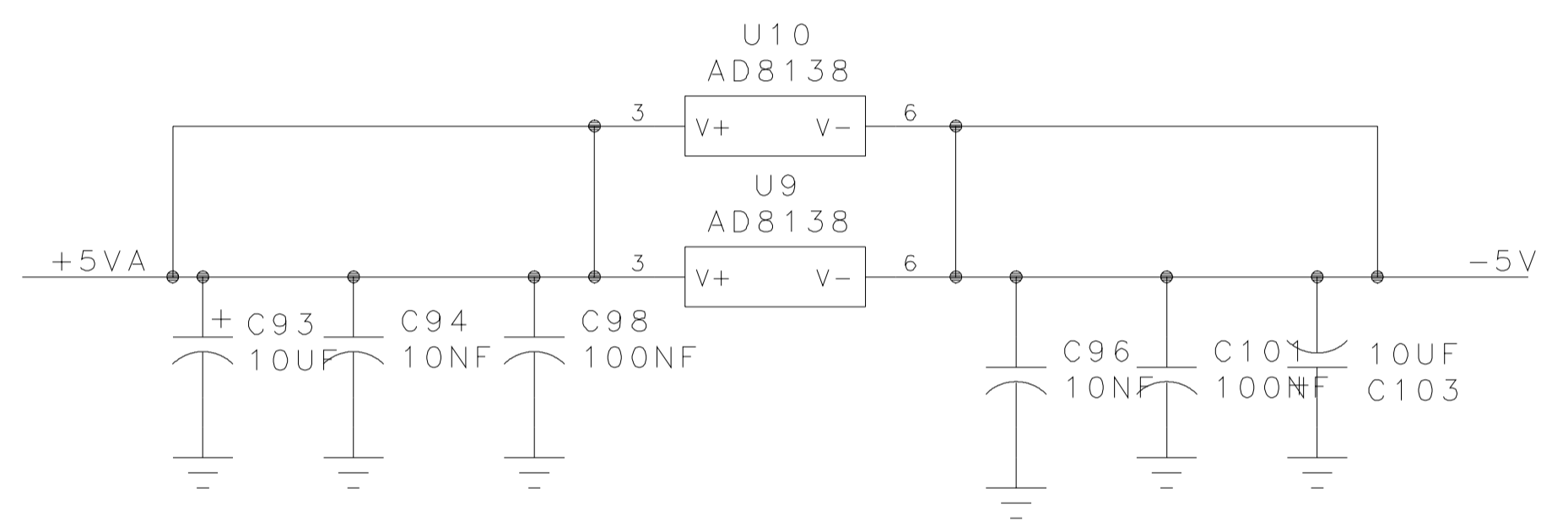
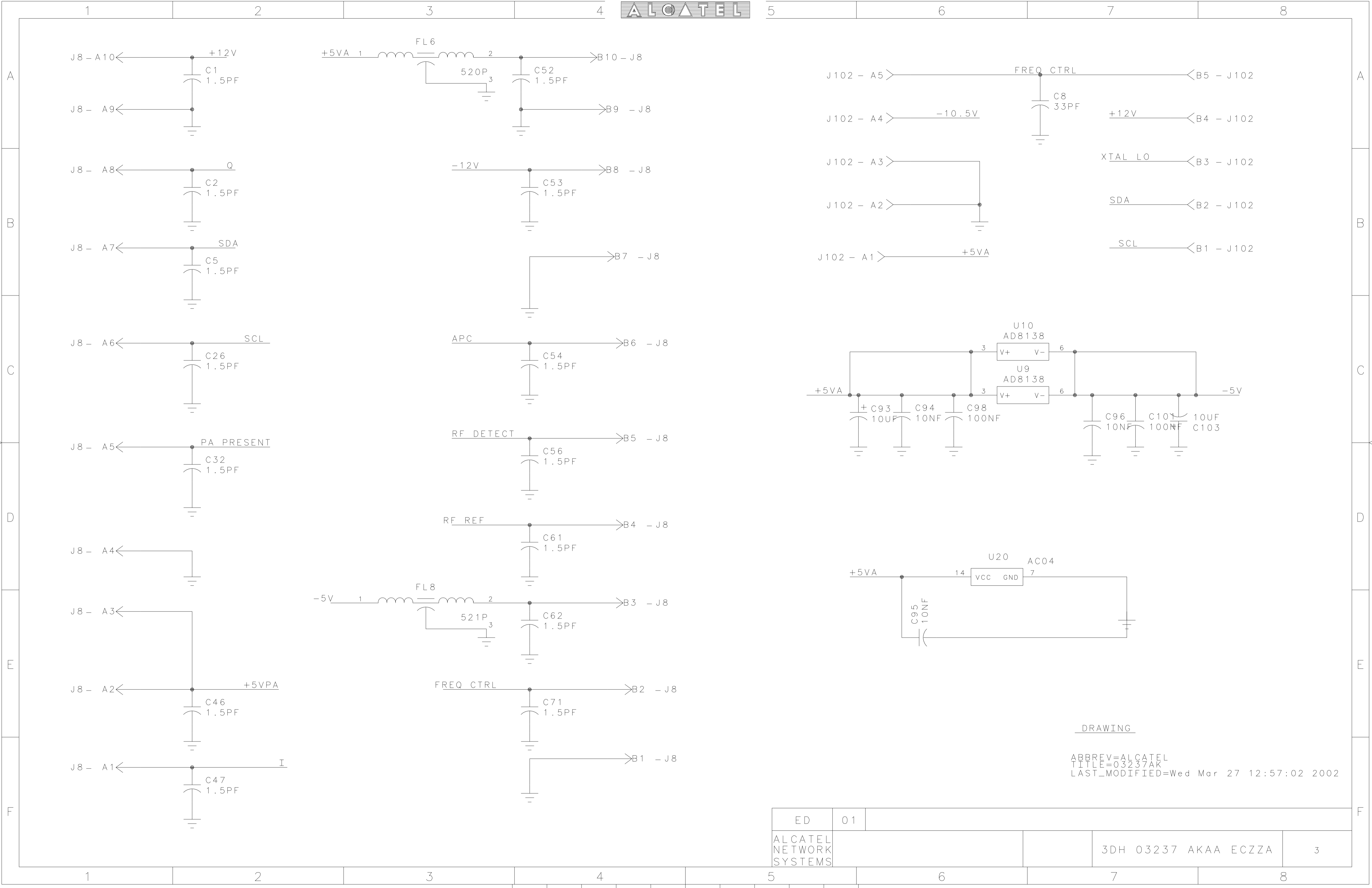
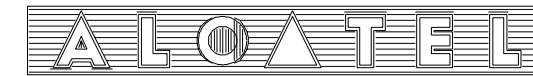
Block Diagram

ED	01						
ALCATEL NETWORK SYSTEMS					3DH 03237 AKA ECZZA	2	

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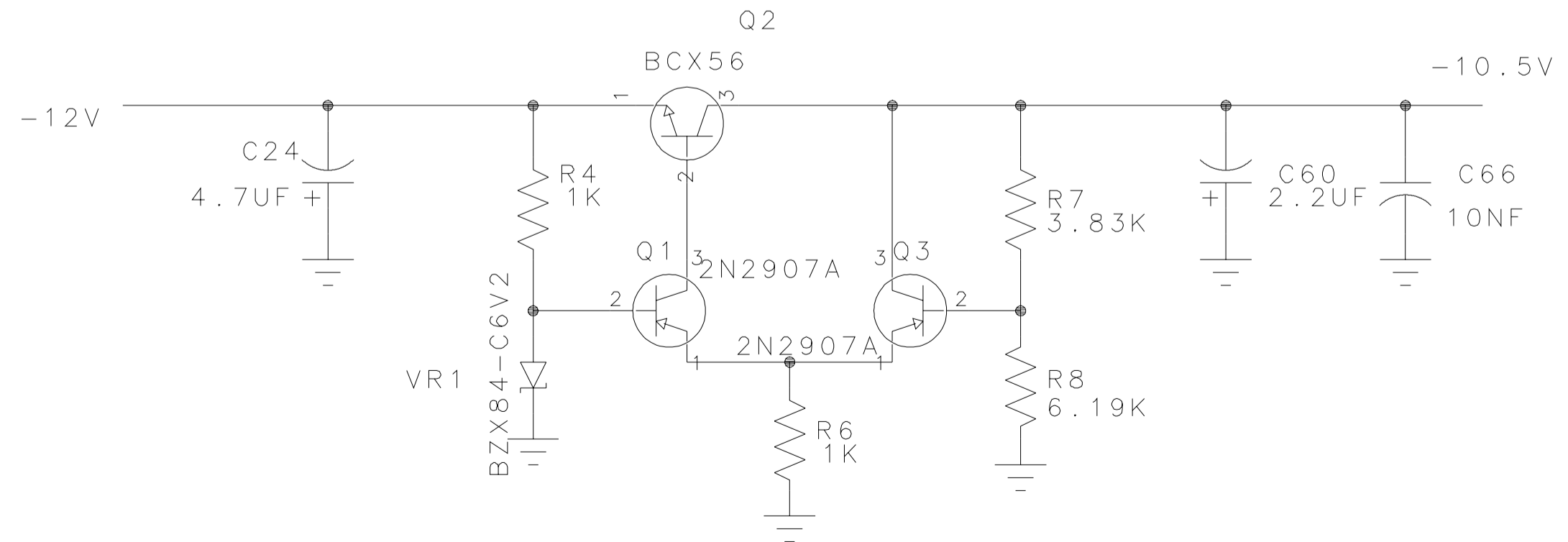
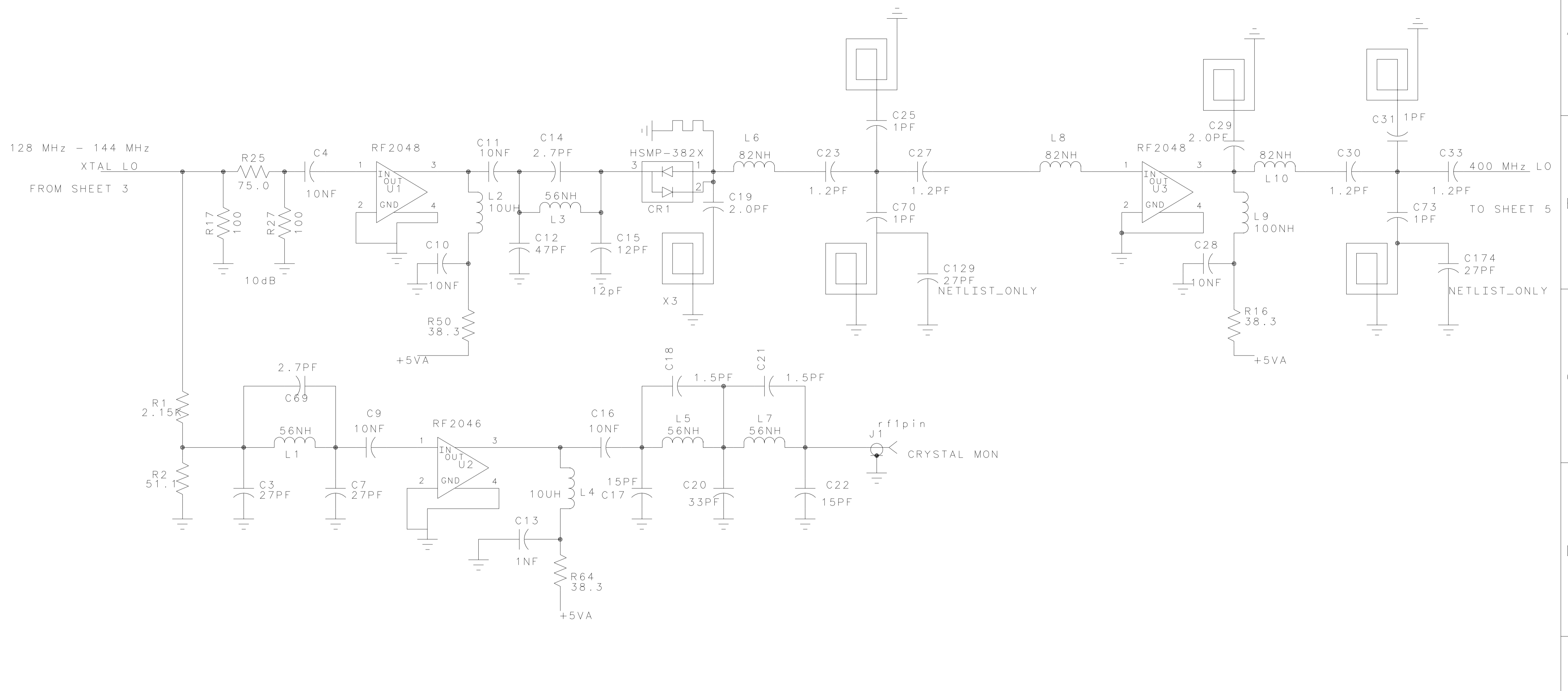
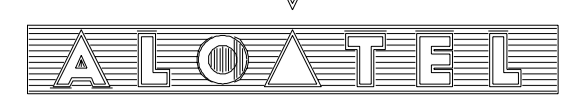
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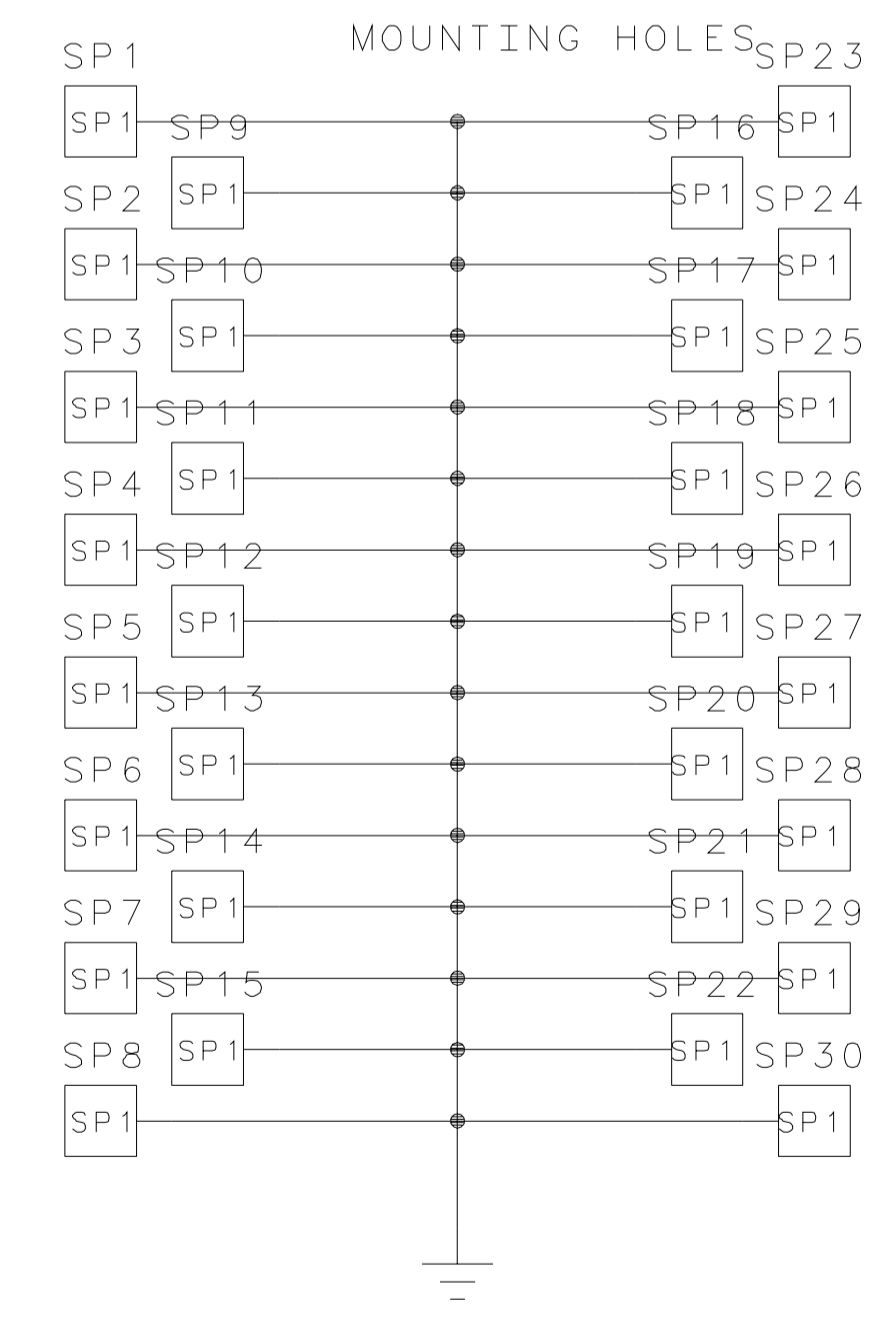
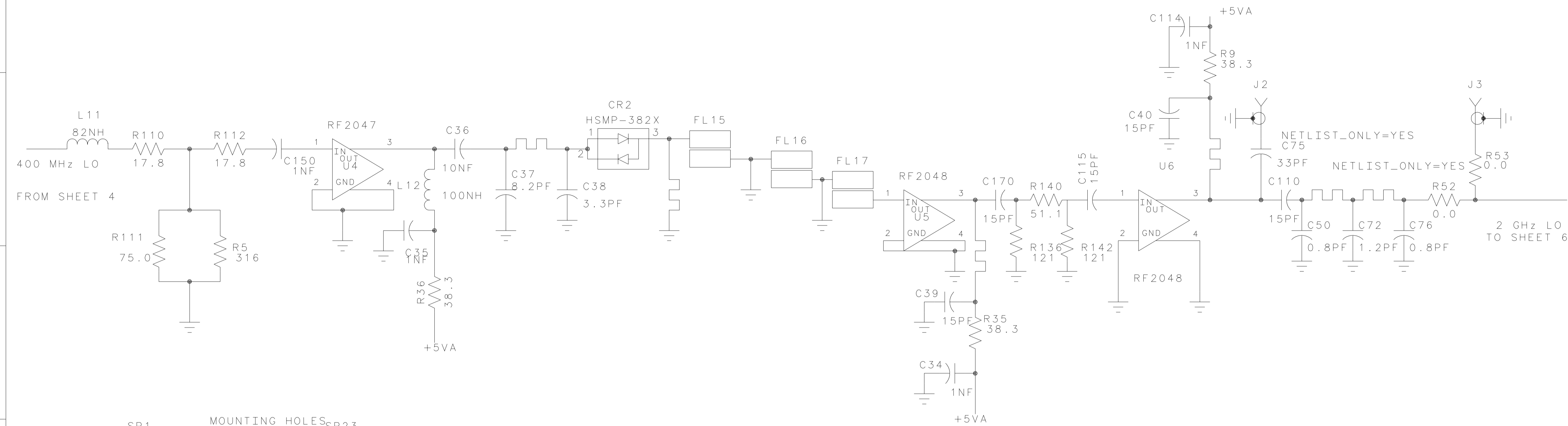
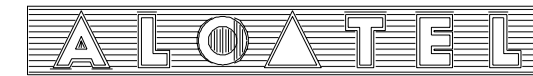


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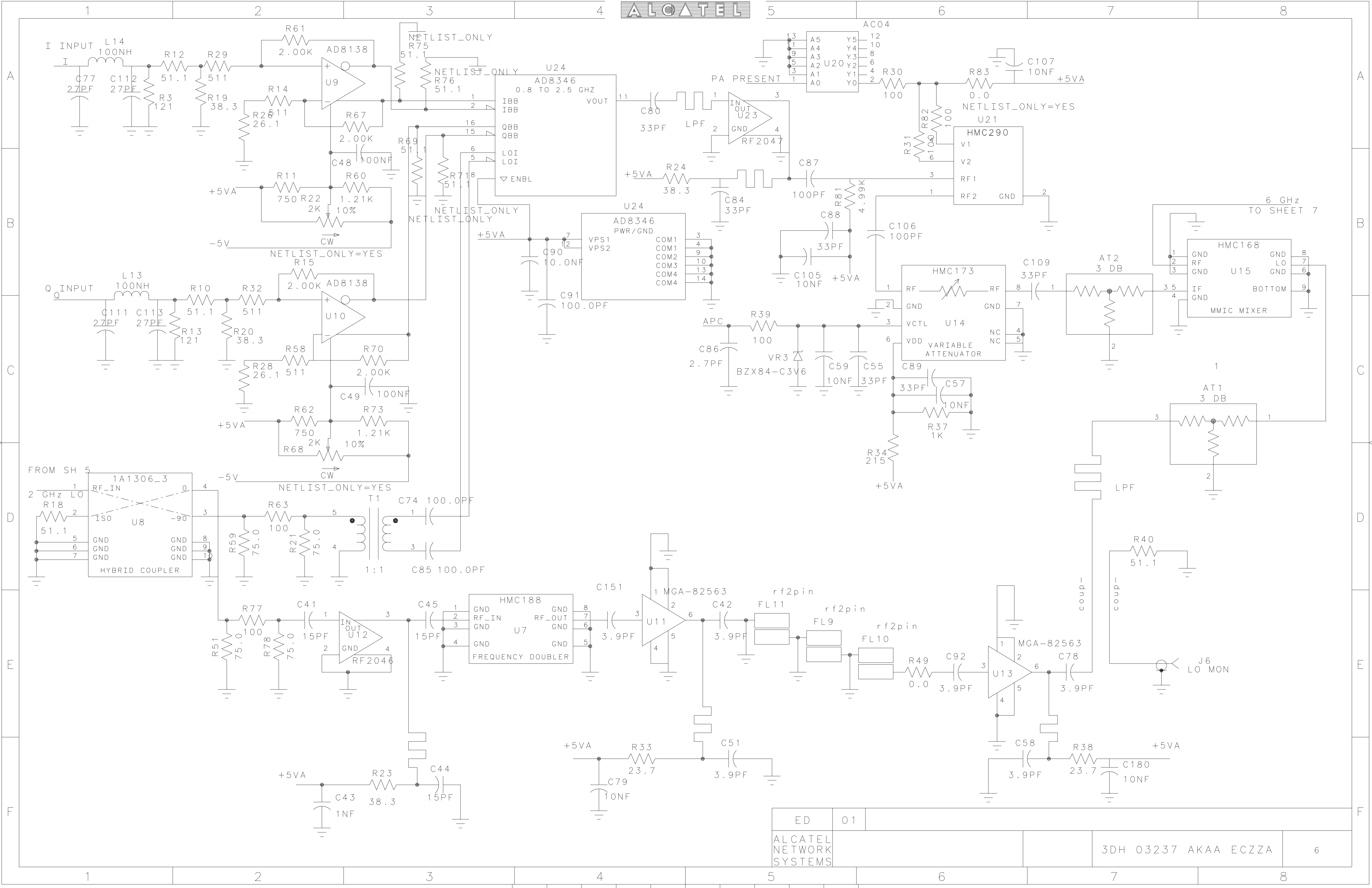
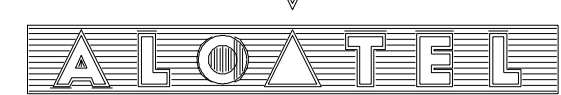


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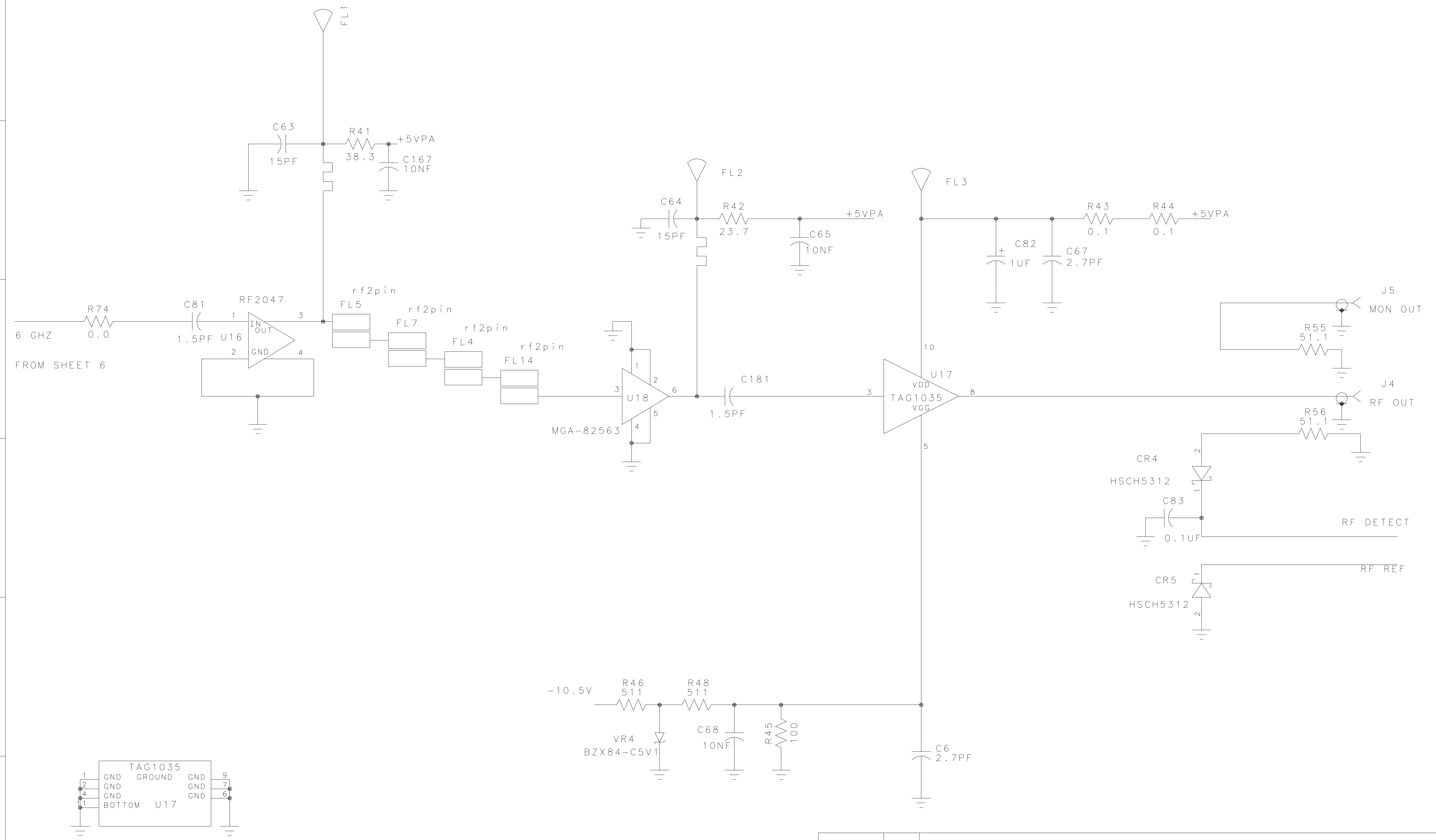
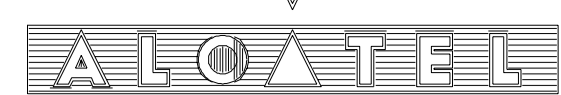
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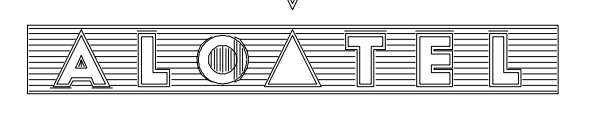


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*** Signal Cross-Reference ***
--- for the entire design --



ED		01	L6_RF_MODULATOR					CROSS REFERENCE	
ALCATEL NETWORK SYSTEMS							3DH 03237 AKAA ECZZA	8	

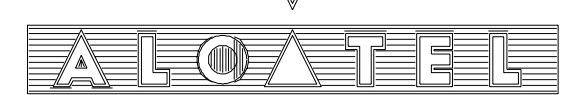
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A B C D E F

A B C D E F

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*** Unit Cross-Reference ***
 --- for the entire design ---

AT1	ATTEN	6C8
AT2	ATTEN	6B7
C1	CAP	3A2
C2	CAP	3B2
C3	CAP	4D2
C4	CAP	4B2
C5	CAP	3B2
C6	CAP	7E6
C7	CAP	4D2
C8	CAP	3A7
C9	CAP	4C2
C10	CAP	4B3
C11	CAP	4B3
C12	CAP	4B3
C13	CAP	4D3
C14	CAP	4B3
C15	CAP	4B4
C16	CAP	4C4
C17	CAP	4D4
C18	CAP	4C4
C19	CAP	4B4
C20	CAP	4D4
C21	CAP	4C4
C22	CAP	4D5
C23	CAP	4B5
C24	CAPP	4E1
C25	CAP	4B5
C26	CAP	3C2
C27	CAP	4B5
C28	CAP	4B7
C29	CAP	4B7
C30	CAP	4B7
C31	CAP	4B7
C32	CAP	3D2
C33	CAP	4B8
C34	CAP	5C5
C35	CAP	5C3
C36	CAP	5B3
C37	CAP	5B3
C38	CAP	5B3
C39	CAP	5C5
C40	CAP	5B6
C41	CAP	6E2
C42	CAP	6E5
C43	CAP	6F2
C44	CAP	6F3
C45	CAP	6E3
C46	CAP	3E2
C47	CAP	3F2
C48	CAP	6B2
C49	CAP	6C3
C50	CAP	5B7
C51	CAP	6F5
C52	CAP	3A4
C53	CAP	3B4
C54	CAP	3C4
C55	CAP	6C6
C56	CAP	3D4
C57	CAP	6C6
C58	CAP	6F6
C59	CAP	6C5
C60	CAPP	4E3
C61	CAP	3D4
C62	CAP	3E4

C63	CAP	7B2
C64	CAP	7B4
C65	CAP	7B5
C66	CAP	4E4
C67	CAP	7B6
C68	CAP	7E4
C69	CAP	4C2
C70	CAP	4B5
C71	CAP	3E4
C72	CAP	5B7
C73	CAP	4B8
C74	CAP	6D3
C75	CAP	5B7
C76	CAP	5B8
C77	CAP	6A1
C78	CAP	6E7
C79	CAP	6F4
C80	CAP	6A4
C81	CAP	7C2
C82	CAPP	7B6
C83	CAP	7D7
C84	CAP	6B5
C85	CAP	6D3
C86	CAP	6C5
C87	CAP	6B5
C88	CAP	6B5
C89	CAP	6C6
C90	CAP	6B4
C91	CAP	6C4
C92	CAP	6E6
C93	CAPP	3C6
C94	CAP	3C6
C95	CAP	3E6
C96	CAP	3C7
C98	CAP	3C6
C101	CAP	3C7
C103	CAPP	3C7
C105	CAP	6B5
C106	CAP	6B6
C107	CAP	6A6
C109	CAP	6B6
C110	CAP	5B7
C111	CAP	6C1
C112	CAP	6A1
C113	CAP	6C1
C114	CAP	5A6
C115	CAP	5B6
C129	CAP	4B5
C150	CAP	5B2
C151	CAP	6E4
C167	CAP	7B3
C170	CAP	5B6
C174	CAP	4B8
C180	CAP	6F7
C181	CAP	7C5
CR1	DIODE_DUAL_COMCATANO	4B4
CR2	DIODE_DUAL_COMCATANO	5B4
CR4	SHKY_DIODE	7D7
CR5	SHKY_DIODE	7D7
FL1	RF_FLAG	7A2
FL2	RF_FLAG	7B4
FL3	RF_FLAG	7B6
FL4	FILTER	7C3
FL5	FILTER	7C2
FL6	EMI_FILTER_T	3A3
FL7	FILTER	7C3
FL8	EMI_FILTER_T	3E3

FL9	FILTER	6E5
FL10	FILTER	6E6
FL11	FILTER	6E5
FL14	FILTER	7C3
FL15	FILTER	5B4
FL16	FILTER	5B4
FL17	FILTER	5B5
J1	RF_CONNECTOR	4C5
J2	RF_CONNECTOR	5B7
J3	RF_CONNECTOR	5B8
J4	RF_CONNECTOR	7C8
J5	RF_CONNECTOR	7C8
J6	RF_CONNECTOR	6E8
J8	V20H0	3A1 3A1 3A4 3A4 3B1 3B4 3C1 3C4 3D1 3D4 3E1 3E4 3F1 3F4
J102	V10R1	3A5 3A8 3B5 3B8
L1	IND	4C2
L2	IND	4B3
L3	IND	4B3
L4	IND	4D4
L5	IND	4C4
L6	IND	4B4
L7	IND	4C4
L8	IND	4B6
L9	IND	4B7
L10	IND	4B7
L11	IND	5B1
L12	IND	5B3
L13	IND	6B1
L14	IND	6A1
Q1	PNP_R	4E2
Q2	NPN_R	4E2
Q3	PNP_R	4E3
R1	RES	4C1
R2	RES	4D1
R3	RES	6A1
R4	RES	4E2
R5	RES	5C2
R6	RES	4F2
R7	RES	4E3
R8	RES	4F3
R9	RES	5A7
R10	RES	6B2
R11	RES	6B2
R12	RES	6A2
R13	RES	6C2
R14	RES	6A2
R15	RES	6B2
R16	RES	4C7
R17	RES	4B2
R18	RES	6D1
R19	RES	6A2
R20	RES	6C2
R21	RES	6D2
R22	RES_VAR	6B2
R23	RES	6F3
R24	RES	6B4
R25	RES	4B2
R26	RES	6A2
R27	RES	4B2
R28	RES	6C2
R29	RES	6A2
R30	RES	6A6
R31	RES	6A6
R32	RES	6B2
R33	RES	6F4
R34	RES	6D6

R35	RES	5C5
R36	RES	5C3
R37	RES	6C6
R38	RES	6F7
R39	RES	6C5
R40	RES	6D7
R41	RES	7B3
R42	RES	7B5
R43	RES	7B7
R44	RES	7B7
R45	RES	7E5
R46	RES	7E4
R48	RES	7E4
R49	RES	6E6
R50	RES	4C3
R51	RES	6E2
R52	RES	5B8
R53	RES	5B8
R55	RES	7C8
R56	RES	7C8
R58	RES	6C2
R59	RES	6D2
R60	RES	6B3
R61	RES	6A2
R62	RES	6C2
R63	RES	6D2
R64	RES	4D3
R67	RES	6A3
R68	RES_VAR	6D2
R69	RES	6A3
R70	RES	6C3
R71	RES	6B3
R73	RES	6C3
R74	RES	7C1
R75	RES	6A3
R76	RES	6A3
R77	RES	6E2
R78	RES	6E2
R81	RES	6B5
R82	RES	6A6
R83	RES	6A6
R110	RES	5B1
R111	RES	5B1
R112	RES	5B2
R136	RES	5C6
R140	RES	5B6
R142	RES	5C6
SP1	SINGLE_PIN	5D1
SP2	SINGLE_PIN	5D1
SP3	SINGLE_PIN	5D1
SP4	SINGLE_PIN	5D1
SP5	SINGLE_PIN	5E1
SP6	SINGLE_PIN	5E1
SP7	SINGLE_PIN	5E1
SP8	SINGLE_PIN	5E1
SP9	SINGLE_PIN	5D1
SP10	SINGLE_PIN	5D1
SP11	SINGLE_PIN	5D1
SP12	SINGLE_PIN	5D1
SP13	SINGLE_PIN	5E1
SP14	SINGLE_PIN	5E1
SP15	SINGLE_PIN	5E1
SP16	SINGLE_PIN	5D2
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SP18	SINGLE_PIN	5D2
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SP20	SINGLE_PIN	5E2

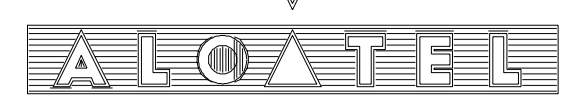
L6_RF_MODULATOR CROSS REFERENCE

ED	01								
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SP22 SINGLE_PIN 5E2
SP23 SINGLE_PIN 5D2
SP24 SINGLE_PIN 5D2
SP25 SINGLE_PIN 5D2
SP26 SINGLE_PIN 5D2
SP27 SINGLE_PIN 5E2
SP28 SINGLE_PIN 5E2
SP29 SINGLE_PIN 5E2
SP30 SINGLE_PIN 5E2
T1 XFMR_RF 6D3
U1 RF_AMPLIFIER_2 4B3
U2 RF_AMPLIFIER_2 4D3
U3 RF_AMPLIFIER_2 4B6
U4 RF_AMPLIFIER_2 5B2
U5 RF_AMPLIFIER_2 5B5
U6 RF_AMPLIFIER_2 5B6
U7 HMC188 6E4
U8 1A1306_3 6D1
U9 AD8138 3C6 6A2
U10 AD8138 3C6 6C2
U11 MMIC_AMP 6E4
U12 RF_AMPLIFIER_2 6E3
U13 MMIC_AMP 6E6
U14 HMC173 6C6
U15 HMC168 6B8
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U17 TAG1035 7C6 7F1
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U21 HMC290 6A6
U23 RF_AMPLIFIER_2 6A5
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VR3 ZENER_SOT23 6C5
VR4 ZENER_SOT23 7E4

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END OF DOCUMENT

L6_RF_MODULATOR		CROSS REFERENCE					
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