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53A-336 HIGH VOLTAGE SCANNER CARD

SERVICE MANUAL

BFGoodrich
Aerospace

JcAIR Test Systems

WARRANTY

BFGoodrich Aerospace JcAir Test Systems (TSD) warrants its CDSbus products (hardware and firmware) against defects in materials and workmanship, and are warranted to meet the performance specifications as listed in the current catalog and/or data sheet for the specific product being warranted. This warranty applies for three (3) years following the date of shipment. TSD will, at its option, repair or replace, at no cost to the customer, products which prove to be defective during the warranty period, provided the defect or failure is not due to misuse or abuse of the product. The customer is responsible for shipment of the defective product to the TSD factory. Software products are supplied on a site license basis subject to the same performance warranty provisions; the materials and distribution provision applies to the distribution media only. NOOTHER WARRANTY IS EXPRESSED OR IMPLIED, INCLUDING WARRANTY FOR FITNESS OF PURPOSE. TSD SHALL, IN NO CASE, BE LIABLE FOR CONSEQUENTIAL DAMAGES.

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http:\\www.jcair.com

1/28/00 8507-02-A
through
8607-02-F

JcAIR INC.

NAME: HI VOLTAGE SCANNER CARD 8607-02-F-01 ASSY NO: 53A-336

REVISION: 01 DATE: 04/08/1996

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
C27	20128-10004	CAP FXD CER .001UF 10% STABLE 100VDCW	EA	3.00	AVX/KYOCERA	CK05BX102K
					KEMET-UNION CAR	CK05BX102K
C34	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	29.00	AVX/KYOCERA	SR215E104MAA50VDCW
					KEMET-UNION CAR	C322C104M5U5CA
					SPRAGUE/VISHAY	1C20Z5U104M050B
C37	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C41	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C42	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C44	21018-15009	CAP FXD ELECT 150UF 75% -10% 16VDCW	EA	1.00	CORNELL-DUBILIE	NLW150-16
					MALLORY CAPACIT	TT16M150A
C46	22022-22007	CAP FXD TA 2.2UF 20% 16WVDC	EA	1.00	AVX/KYOCERA	TAP 225M016 SP
					KEMET-UNION CAR	T350A225M016AS
					SPRAGUE/VISHAY	199D225X0016AA1
C47	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C61	20128-15004	CAP FXD CER .0015UF 10% STABLE 100VDCW	EA	2.00	KEMET-UNION CAR	C322C152K1R5CA
					MEPCO/CENTRALAB	CW15C152K
C62	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C63	22022-10008	CAP FXD TA 10UF 10-20% 25VDC	EA	1.00	KEMET-UNION CAR	T350E106M025AS
					SPRAGUE/VISHAY	199D106X9025CA1
C64	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C67	20128-15004	CAP FXD CER .0015UF 10% STABLE 100VDCW	EA	-		
C71	20128-47006	CAP FXD CER .47UF 20% 50VDCW	EA	1.00	AVX/KYOCERA	SR301E474MAA
					AVX/KYOCERA	SR305E474MAA
					KEMET-UNION CAR	C322C474M5U5CA
					MALLORY CAPACIT	C303C474M5R5CA
C72	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C76	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C77	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C86	21528-50003	CAP FXD MICA 500PF 5% 500VDCW	EA	2.00	ARCO ELEC INC.	DM15-501J-500VDCW
					CORNELL-DUBILIE	CD15FD501J03
C241	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C242	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C243	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C361	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C362	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C541	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C542	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C641	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C642	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C661	20128-10004	CAP FXD CER .001UF 10% STABLE 100VDCW	EA	-		
C662	20128-10004	CAP FXD CER .001UF 10% STABLE 100VDCW	EA	-		
C663	21528-50003	CAP FXD MICA 500PF 5% 500VDCW	EA	-		
C841	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C842	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		

JcAIR INC.

NAME: HI VOLTAGE SCANNER CARD 8607-02-F-01 ASSY NO: 53A-336

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C871	20128-47005	CAP FXD CER .047UF 10% STABLE 100VDCW	EA	2.00	AVX/KYOCERA	CK06RX473KR
					KEMET-UNION CAR	CK06BX473K
					MURATA-ERIE COR	CKR06BX473KR
C872	20128-47005	CAP FXD CER .047UF 10% STABLE 100VDCW	EA	-		
C941	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C942	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C1011	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C1041	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C1042	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C1061	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C1151	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C1161	21018-30008	CAP FXD ELECT 30UF 75% -10% 16VDCW	EA	1.00	BARKER MICROFAR	30D336M016BA2A
					CORNELL-DUBILIE	NLW30-16
C1171	20129-33004	CAP FXD CER .0033UF 20% STABLE 100VDCW	EA	1.00	AVX/KYOCERA	CK06BX332K
					KEMET-UNION CAR	CK06BX332K
					SPRAGUE/VISHAY	1C10X7R332M050B
C1172	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
CR26	32000-05260	DIODE ZENER 43V .5W 5%	EA	3.00	MOTOROLA SEMICO	1N5260B
					RCA CORP. (HARR	SK5087A
CR77	32000-04148	DIODE SILICON 75V 1A 5%	EA	8.00	NATIONAL SEMI /	1N4148
CR87	32000-04148	DIODE SILICON 75V 1A 5%	EA	-		
CR96	32000-05260	DIODE ZENER 43V .5W 5%	EA	-		
CR1011	32000-05260	DIODE ZENER 43V .5W 5%	EA	-		
CR1012	32000-04148	DIODE SILICON 75V 1A 5%	EA	-		
CR1061	32000-04148	DIODE SILICON 75V 1A 5%	EA	-		
CR1062	32000-04148	DIODE SILICON 75V 1A 5%	EA	-		
CR1161	32000-04148	DIODE SILICON 75V 1A 5%	EA	-		
CR1162	32000-04148	DIODE SILICON 75V 1A 5%	EA	-		
CR1171	32000-04148	DIODE SILICON 75V 1A 5%	EA	-		
DS1	32000-00103	DIODE LED RED 50MA	EA	1.00	DIALIGHT	550-0103
					DIALIGHT	550-0406
					QUALITY TECHNOL	MV60538.MP7
DS10	32000-02003	DIODE LED RED W/RES	EA	12.00	DIALIGHT	547-2003
					EATON CORPORATI	134LIC
					QUALITY TECHNOL	MR5010.MP1
DS11	32000-02003	DIODE LED RED W/RES	EA	-		
DS012	32000-02003	DIODE LED RED W/RES	EA	-		
DS013	32000-02003	DIODE LED RED W/RES	EA	-		
DS014	32000-02003	DIODE LED RED W/RES	EA	-		
DS110	32000-02003	DIODE LED RED W/RES	EA	-		
DS111	32000-02003	DIODE LED RED W/RES	EA	-		
DS112	32000-02003	DIODE LED RED W/RES	EA	-		
DS113	32000-02003	DIODE LED RED W/RES	EA	-		
DS114	32000-02003	DIODE LED RED W/RES	EA	-		
DS115	32000-02003	DIODE LED RED W/RES	EA	-		
DS116	32000-02003	DIODE LED RED W/RES	EA	-		

JcAIR INC.

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REVISION: 01 DATE: 04/08/1996

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
E1	40401-00336	STAMP 53A-336 STYLE B BLUE	EA	1.00	STU PHILLIPS CO	53A-336
E2	40401-10015	STAMP SCANNER STYLE D BLUE	EA	1.00	STU PHILLIPS CO	SCANNER
E3	45050-03275	DCL REAR BLACK 20 POS -00514	EA	1.00	GOOD DECAL	45050-03275
E4	45050-03279	DCL LED 12POS BLK DRW 00000 -03279	EA	1.00	GOOD DECAL	45050-03279
F07	42202-52001	FUSE SUB-MIN 2AMP	EA	1.00	LITTLEFUSE INC.	251002
					SAN-O	SP5-2A
K02	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	16.00	AROMAT CORP.	ST2-DC5V
K03	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K12	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K13	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K32	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K33	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K42	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K43	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K62	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K63	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K72	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K73	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K92	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K93	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K101	83500-20010	RELAY DPST 100 OHMS 5V 8A CONTACTS 2MS R	EA	1.00	AROMAT CORP.	CDSTEST83500-20008
K102	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K103	83500-20008	RELAY DPST 100 OHMS 5V 8A CONTACTS	EA	-		
K116	83000-20006	RELAY REED SPDT 5000HMS 3.8V	EA	1.00	TRIRIDGE CORP.	220-001-5M
L91	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	35.00	AMPEREX/PHILLIP	VK20010-3B
L021	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L022	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L031	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L032	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L121	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L122	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L131	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L132	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L321	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L322	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L331	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L332	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L421	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L422	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L431	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L432	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L621	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L622	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L631	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L632	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L721	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L722	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		
L731	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-		

NAME: HI VOLTAGE SCANNER CARD 8607-02-F-01 ASSY NO: 53A-336

REVISION: 01 DATE: 04/08/1996

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N	
L732	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L921	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L922	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L931	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L932	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L1011	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L1021	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L1022	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L1031	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L1032	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
L1151	27051-00200	INDUCTOR FERRITE CHOKE WIDEBAND	EA	-			
PCB1	41530-33600	P.C. BOARD VERSION 8L 8607	EA	1.00	HARMON	41530-33610	REV 8607
					SAE CIRCUITS CO	41530-33600	
					TEKTRONIX INC.	41530-33600	
					UNICIRCUITS	41530-33600	
Q67	51100-04237	TRANSISTOR NPN SWITCHING	EA	2.00	MOTOROLA SEMICO	2N4238	
Q77	51100-04237	TRANSISTOR NPN SWITCHING	EA	-			
Q871	51100-03646	TRANSISTOR NPN HIGH SPEED SWITCH	EA	5.00	MOTOROLA SEMICO	MPS3646	
					NATIONAL SEMI /	MPS3646	
					SEMICONDUCTORS,	MPS3646	
Q872	51100-03646	TRANSISTOR NPN HIGH SPEED SWITCH	EA	-			
Q961	51100-03646	TRANSISTOR NPN HIGH SPEED SWITCH	EA	-			
Q962	51100-03646	TRANSISTOR NPN HIGH SPEED SWITCH	EA	-			
Q1161	51100-03646	TRANSISTOR NPN HIGH SPEED SWITCH	EA	-			
R01	10117-33003	RES COMP 330 1-4W 5%	EA	1.00	ALLEN-BRADLEY C	RC07GF331J	
					NIC	NIC-NCF25-330	
					ROHM CORP.	R25JE-330-5%	
R07	12008-33004	RES NETWORK SIP 3.3K 5% 1.5W 9-PKG	EA	1.00	BOURNS INC.	4610X-101-332	
					CTS OF BERNE, I	750-101-R3.3K	
					DALE/VISHAY	CSC10A-01-332G	
R36	10117-10004	RES COMP 1K 1-4W 5%	EA	4.00	ALLEN-BRADLEY C	RC07GF102J	
					ROHM CORP.	R25JE-1K-5%	
R56	10116-10005	RES COMP 10K 1-5W 5%	EA	1.00	ROHM CORP.	R20JE-10K-5%	
R77	10117-22003	RES COMP 220 1-4W 5%	EA	2.00	ALLEN-BRADLEY C	RC07GF221J	
					ROHM CORP.	R25JE-220-5%	
R87	14024-33205	RES FILM 33.2K 1-4W 1% 100PPM	EA	2.00	DALE/VISHAY	RN55D3322F	
					MEPCO/CENTRALAB	RN55D3322F	
R91	10117-10007	RES COMP 1M 1-4W 5%	EA	4.00	ALLEN-BRADLEY C	RC07GF105J	
					ROHM CORP.	R25JE-1M-5%	
R95	10117-10004	RES COMP 1K 1-4W 5%	EA	-			
R061	10117-10004	RES COMP 1K 1-4W 5%	EA	-			
R062	10117-10004	RES COMP 1K 1-4W 5%	EA	-			
R671	10117-10007	RES COMP 1M 1-4W 5%	EA	-			
R672	10117-10007	RES COMP 1M 1-4W 5%	EA	-			
R673	10117-22003	RES COMP 220 1-4W 5%	EA	-			
R971	14024-33205	RES FILM 33.2K 1-4W 1% 100PPM	EA	-			

JcAIR INC.

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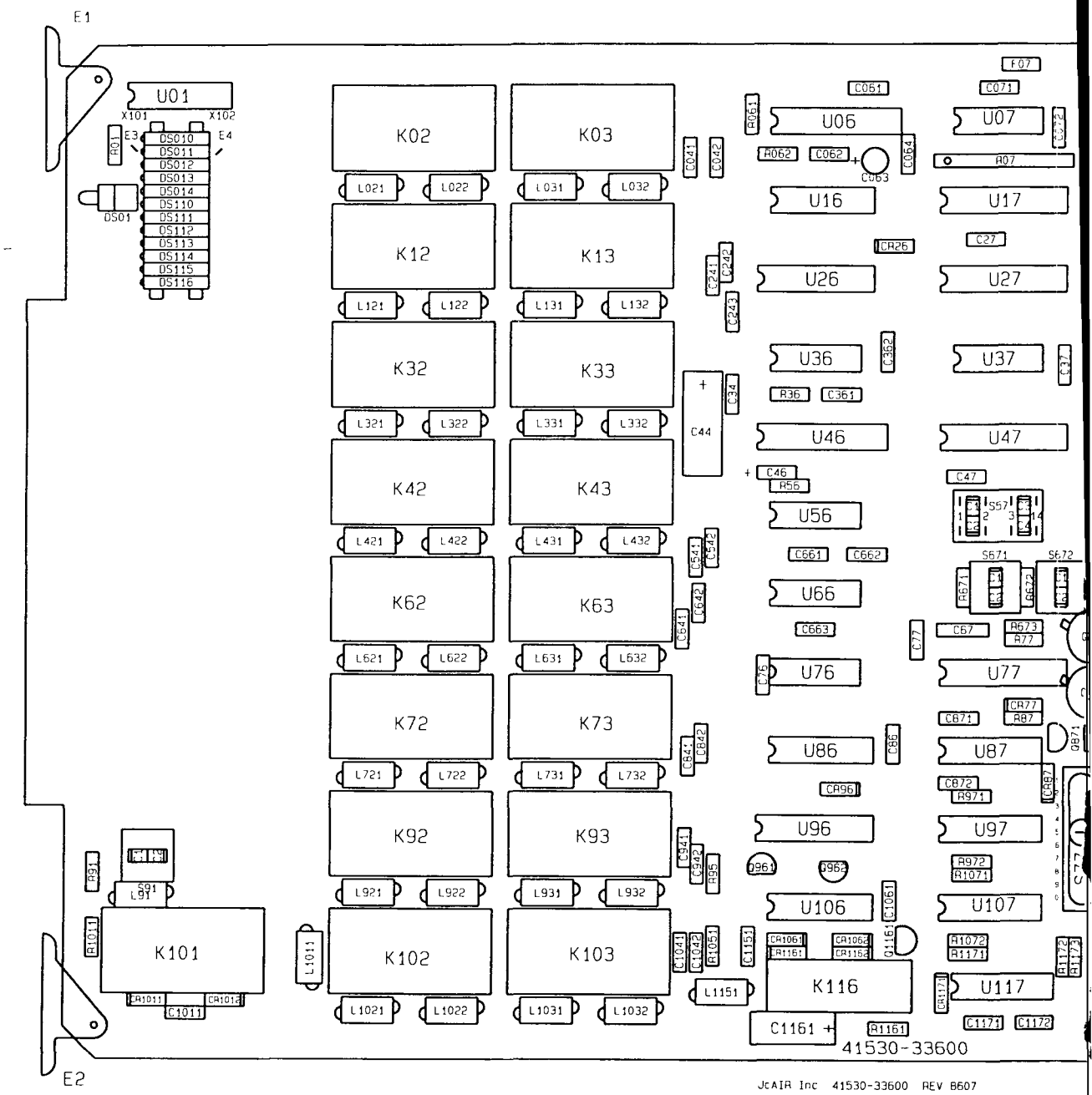
ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
R972	10117-10003	RES COMP 100 1-4W 5%	EA	2.00	ALLEN-BRADLEY C	RC07GF101J
					NIC	NIC-NCF25-100
					ROHM CORP.	R25JE-100-5%
R1011	10117-10007	RES COMP 1M 1-4W 5%	EA	-		
R1051	10117-33004	RES COMP 3.3K 1-4W 5%	EA	1.00	ALLEN-BRADLEY C	RC07GF332J
					ROHM CORP.	R25JE-3.3K-5%
R1071	10117-12004	RES COMP 1.2K 1-4W 5%	EA	2.00	ALLEN-BRADLEY C	RC07GF122J
					ROHM CORP.	R25JE-1.2K-5%
R1072	10117-10003	RES COMP 100 1-4W 5%	EA	-		
R1161	10117-22004	RES COMP 2.2K 1-4W 5%	EA	1.00	ALLEN-BRADLEY C	RC07GF222J
					ROHM CORP.	R25JE-2.2K-5%
R1171	10117-12004	RES COMP 1.2K 1-4W 5%	EA	-		
R1172	10117-15003	RES COMP 150 1-4W 5%	EA	2.00	ALLEN-BRADLEY C	RC07GF151J
					ROHM CORP.	R25JE-150-5%
R1173	10117-15003	RES COMP 150 1-4W 5%	EA	-		
S57	42050-10122	SWITCH DIP 2POS DPDT	EA	1.00	GRAYHILL INC.	76SD02S
S77	42050-10010	SWITCH 10POS.(SUB ASSY.)	EA	1.00	JcAIR	42050-10010
S91	42050-10121	SWITCH DIP 1POS DPDT	EA	3.00	GRAYHILL INC.	76SD01S
S671	42050-10121	SWITCH DIP 1POS DPDT	EA	-		
S672	42050-10121	SWITCH DIP 1POS DPDT	EA	-		
U01	79000-07442	IC TTL BCD-TO-DECIMAL DECODER	EA	1.00	NATIONAL SEMI /	DM7442
					TEXAS INSTR. IN	7442
U06	73310-74240	IC TTL LS OCTAL BUFFER	EA	3.00	MOTOROLA SEMICO	SN74LS240
					NATIONAL SEMI /	DM74LS240
					TEXAS INSTR. IN	74LS240
U07	76601-07438	IC TTL QUAD 2-INPUT NAND BUFFER W-OC	EA	1.00	NATIONAL SEMI /	DM7438
					TEXAS INSTR. IN	7438
U16	79008-74238	IC HCT 3-TO-8 LINE DECDR DEMULTIPLEXER	EA	3.00	HARRIS SEMICOND	CD74HCT238
					TEXAS INSTR. IN	74HCT238
U17	73310-74244	IC TTL LS OCTAL BUFFER NON-INVERTING	EA	1.00	NATIONAL SEMI /	DM74LS244N
					TEXAS INSTR. IN	74LS244N
U26	73405-02803	IC HIGH-VLT-CUR DARLINGTON TRANS ARRAY	EA	2.00	ALLEGRO	ULN2803A
					MOTOROLA SEMICO	ULN2803A
					SGS/THOMPSON MO	ULN2803A
U27	79814-00044	PAL PROGRAMMED 16L8 REV A 53A-336	EA	1.00	JcAIR	79814-00044
U36	77200-07408	IC TTL QUAD 2-INPUT AND GATE	EA	1.00	NATIONAL SEMI /	DM7408
					TEXAS INSTR. IN	7408
U37	76900-07427	IC TTL TRIPLE 3-INPUT NOR GATE	EA	2.00	NATIONAL SEMI /	DM7427
					TEXAS INSTR. IN	7427
U46	73001-74273	IC TTL LS OCTAL D-TYPE FLIP-FLOP	EA	1.00	NATIONAL SEMI /	DM74LS273
					TEXAS INSTR. IN	74LS273
U47	73310-74240	IC TTL LS OCTAL BUFFER	EA	-		
U56	78400-74132	IC TTL QUAD 2-INPUT NAND SCHMITT TRIGGER	EA	2.00	NATIONAL SEMI /	DM74132
					TEXAS INSTR. IN	74132
U66	78400-74132	IC TTL QUAD 2-INPUT NAND SCHMITT TRIGGER	EA	-		
U76	76900-07427	IC TTL TRIPLE 3-INPUT NOR GATE	EA	-		
U77	73310-74240	IC TTL LS OCTAL BUFFER	EA	-		
U86	79008-74238	IC HCT 3-TO-8 LINE DECDR DEMULTIPLEXER	EA	-		

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U87	74200-09602	IC TTL DUAL RETRIGGERABLE MONOSTABLE	EA	1.00	FAIRCHILD	DM9602N
					NATIONAL SEMI /	DM8602N
					NATIONAL SEMI /	DM9602
U96	73405-02803	IC HIGH-VLT-CUR DARLINGTON TRANS ARRAY	EA	-		
U97	73200-74279	IC TTL QUAD R-S LATCH	EA	1.00	NATIONAL SEMI /	DM74279
					TEXAS INSTR. IN	74279
U106	79008-74238	IC HCT 3-TO-8 LINE DECDR DEMULTIPLEXER	EA	-		
U107	71208-74390	IC HCMOS DECADE COUNTER DUAL 4-BIT	EA	2.00	MOTOROLA SEMICO	MC74HC390
					NATIONAL SEMI /	DM74HC390
					TEXAS INSTR. IN	74HC390
U117	71208-74390	IC HCMOS DECADE COUNTER DUAL 4-BIT	EA	-		
X27	45012-20095	SOCKET 20 PIN FOR PALS EXTRA LOW PROFILE	EA	1.00	ANDON	104-320-835-P29
					ROBINSON NUGENT	ICT-203-SP95-TG
X101	45001-12100	CONNECTOR SIP 12 PIN	EA	2.00	CIRCUIT ASSEMBL	CAS-12VSC-12B
					STANFORD APPLIE	CSA3000-12BC
X102	45001-12100	CONNECTOR SIP 12 PIN	EA	-		
REF0	53A-336	HI VOLTAGE SCANNER CARD 8607-02-F-01	EA	-		



JcAIR Inc 41530-33600 REV B607

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

20-XXXX-00	01-XXXX-00
NEXT ASS'Y	USED ON
UNIT: UNIT NAME	

DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS: .XX ± 01, .XXX ± 005 | FRACTIONS: ± 1/64 | ANGLES: ± 1/2 DEG

MATERIAL: FR4 .062 THK 1 OZ CU

FINISH: NA

BFGOODRICH AEROSPACE
PROPRIETARY INFORMATION

APPROVALS	DATE
DRAWN: NRH	17JUN97
CHECKED	
ISSUED	

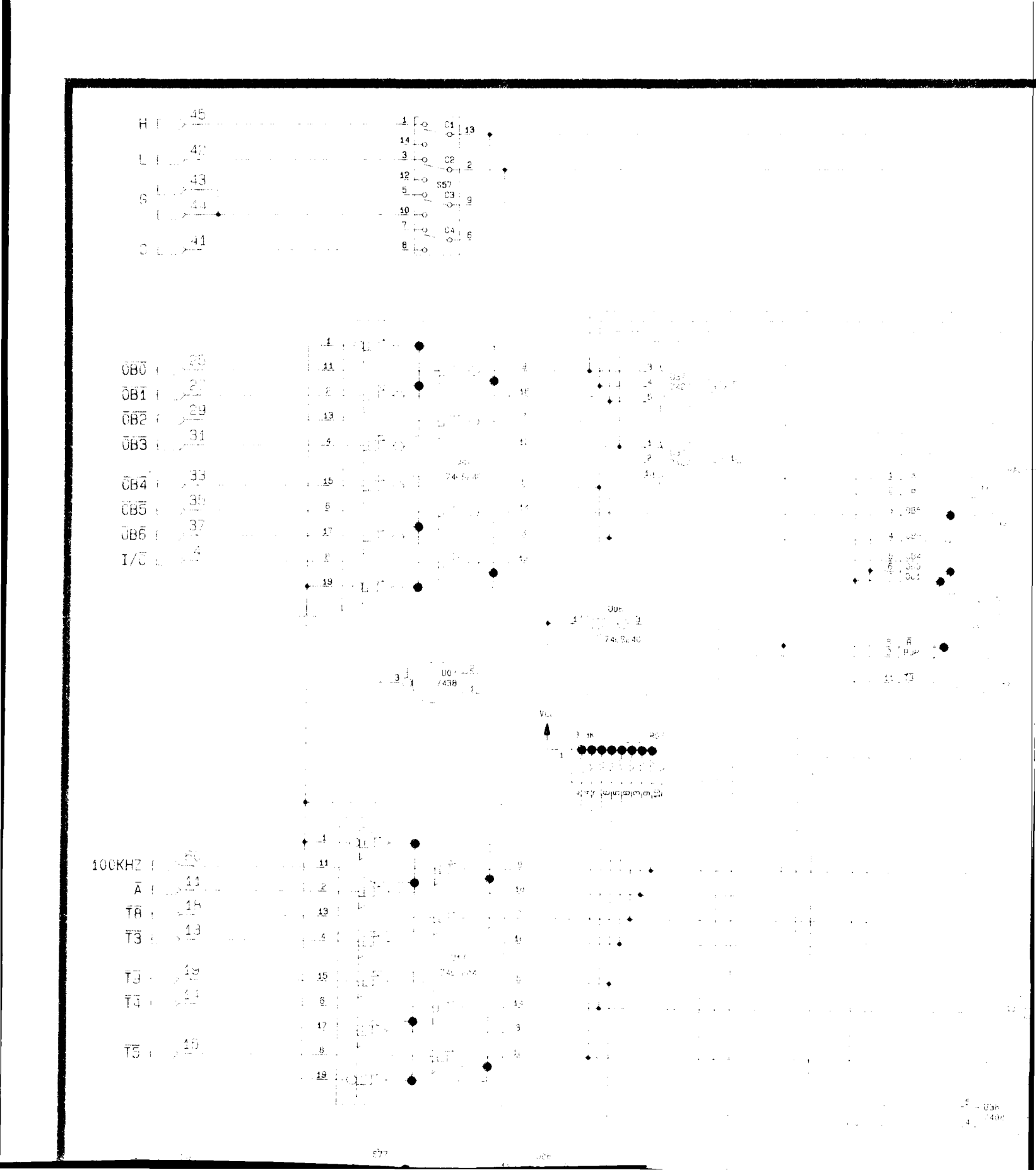
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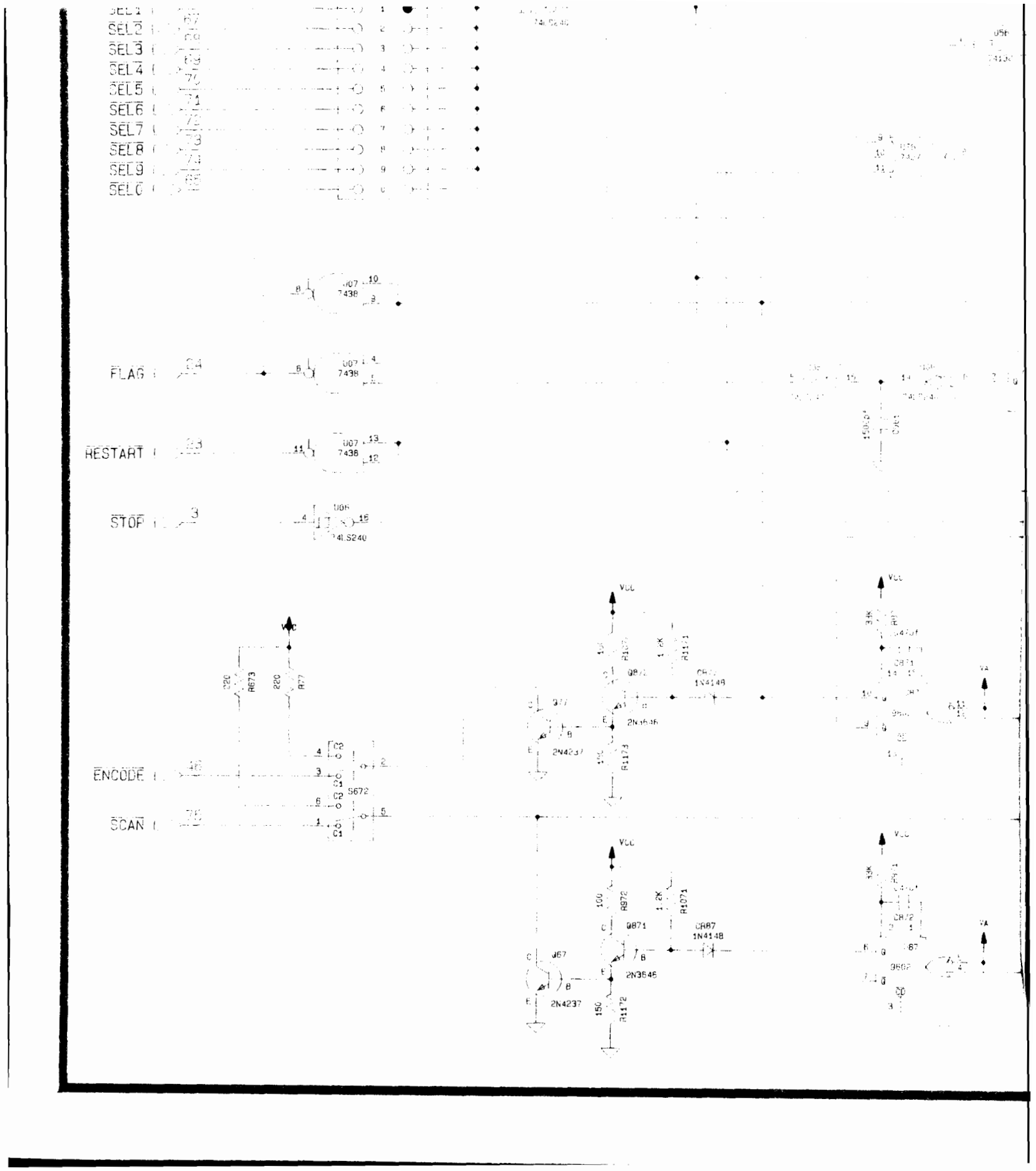
BFGoodrich Aerospace
JCAIR Test Systems
400 NEW CENTURY PARKWAY
NEW CENTURY, KS 66031-0009 USA
PHONE (913) 764-2452
FAX (913) 782-5104

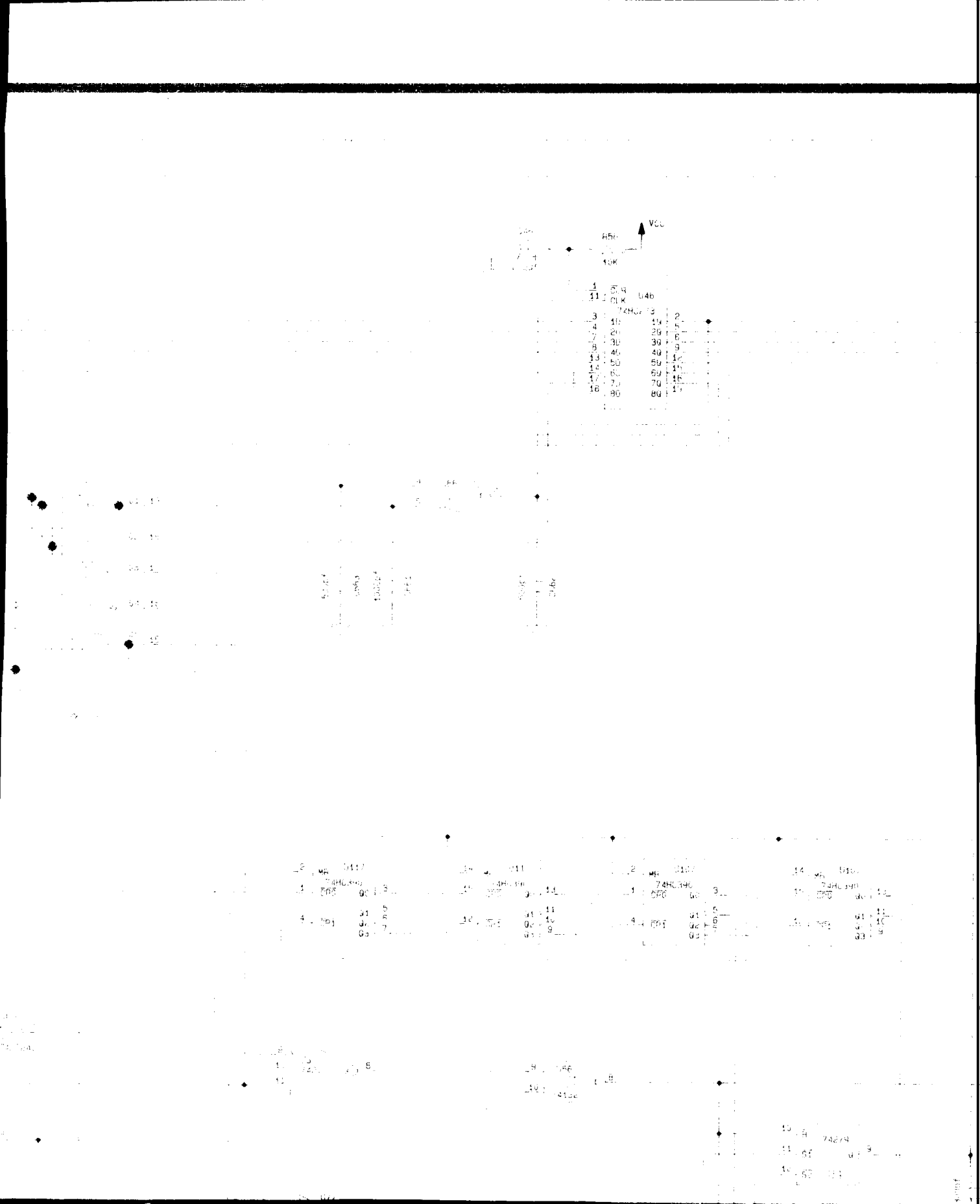
ASSEMBLY
HIGH VOLTAGE SCANNER CARD

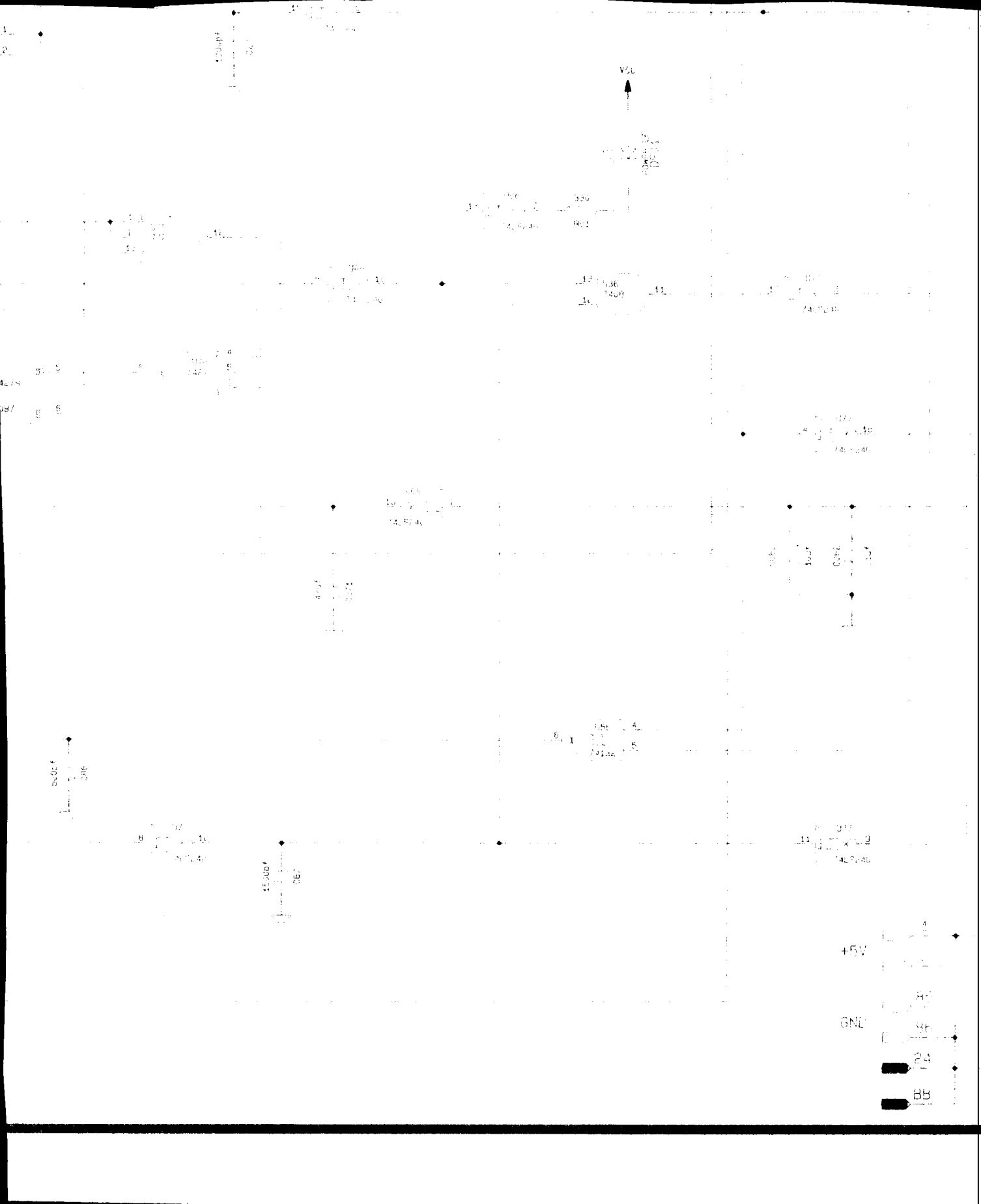
SIZE	CAGE NO	DWG. NO.	REV
B	41364	41530-33600 ASSY	8607-02-G

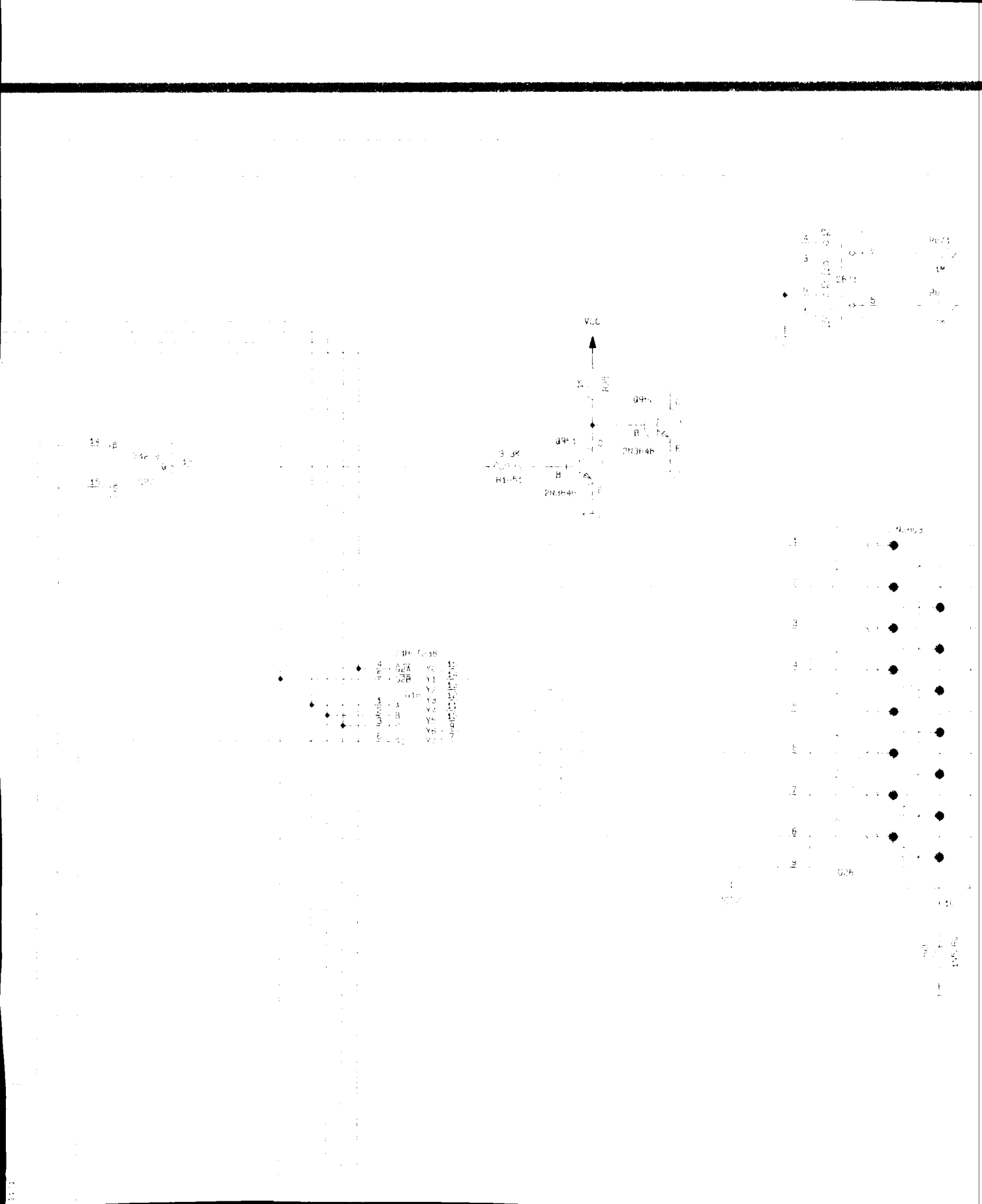
SHEET 1 OF 1

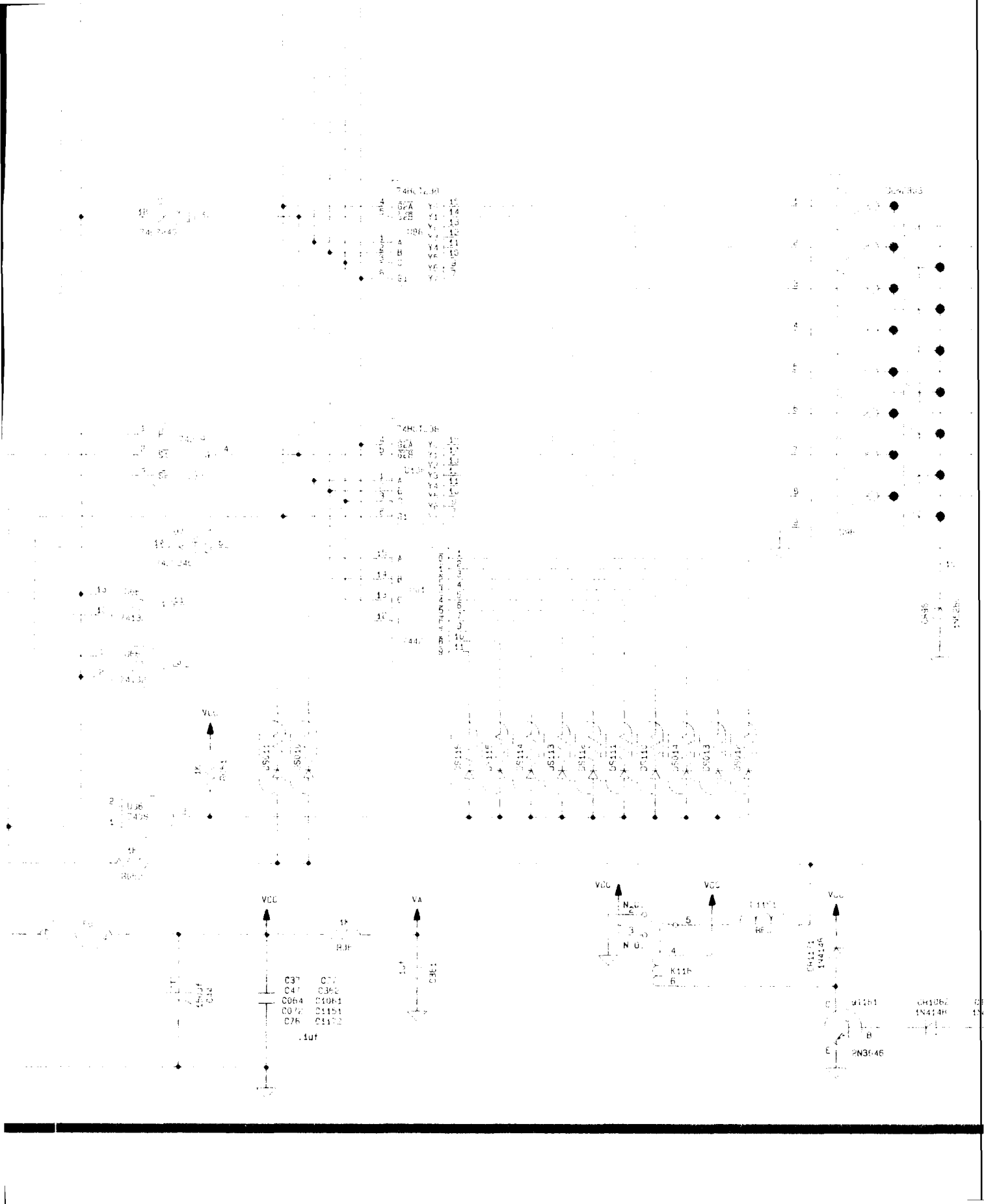

H
L
G
C
45
40
43
44
41
C1
C2
C3
C4
S57
13
2
9
6
100KHZ
A
T8
T3
T9
T4
T5
11
15
13
19
11
15
18
21
19
VCC

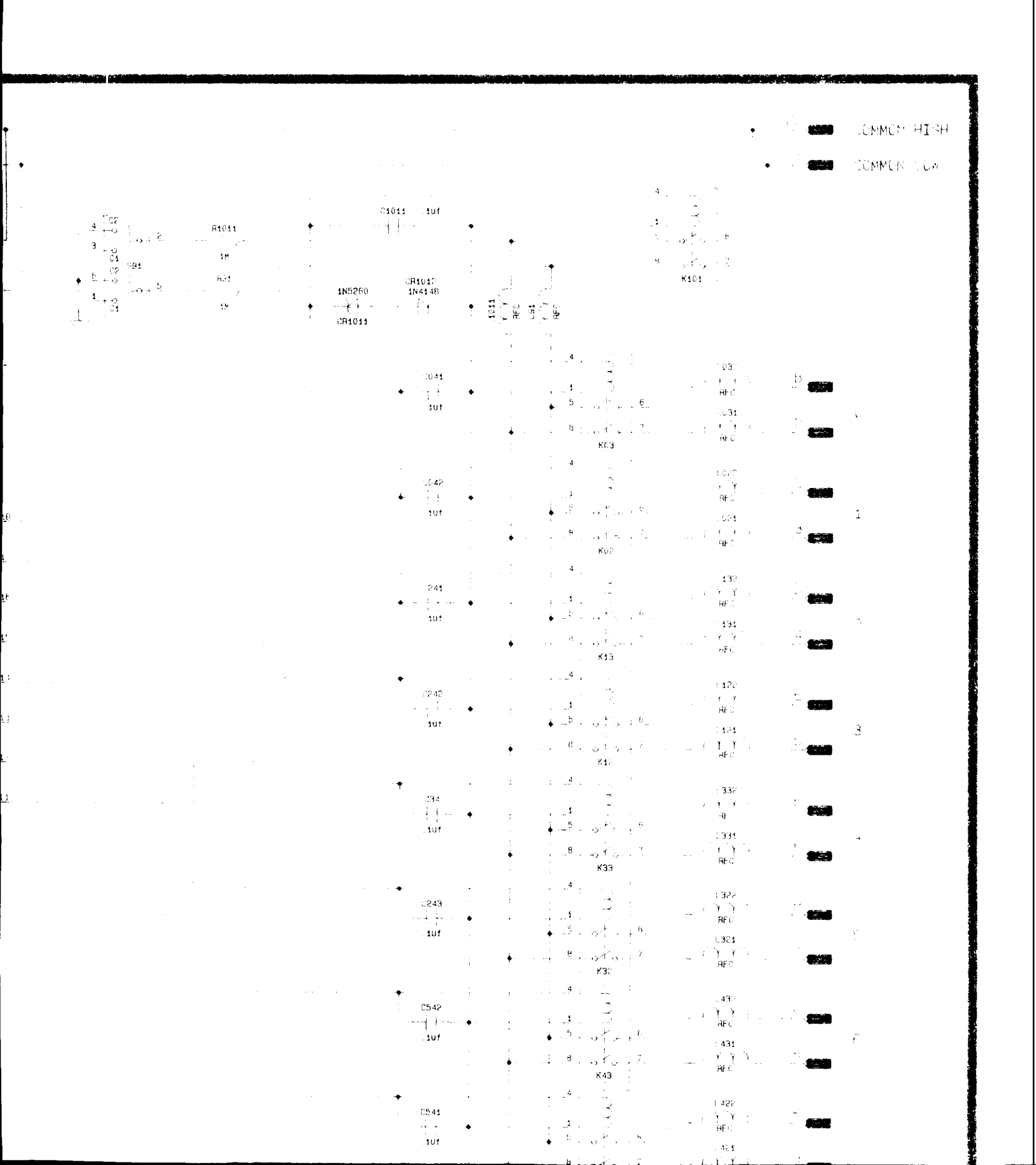

SEL1
SEL2
SEL3
SEL4
SEL5
SEL6
SEL7
SEL8
SEL9
SEL0
FLAG
RESTART
STOP
ENCODE
SCAN
74LS240
7438
VCC
2N3646
2N4237
1N4148
S672

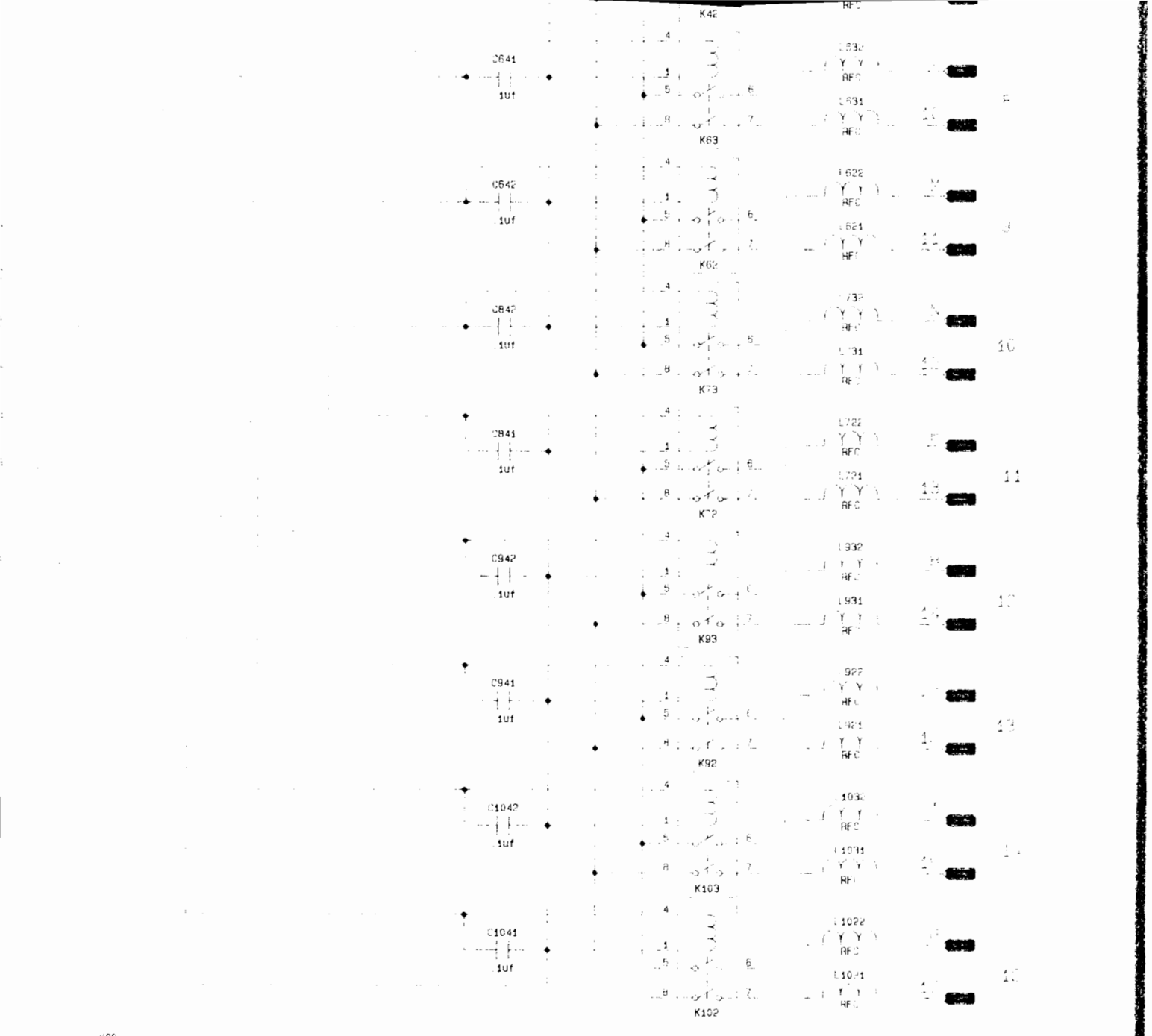



VCC
+5V
GND
24
88




VCC
VA
.1uf
2N3646


COMMON HIGH
COMMON LOW
R1011
1M
CR1011
1N5260
CR1012
1N4148
C1011
.1uf
K101
K03
K02
K13
K12
K33
K32
K43
K42
.1uf



REVISION LEVEL ECO #

PART NO.:

JcAIN Inc.

400 INDUSTRIAL PKWY
INDUSTRIAL AIRPORT
KANSAS 66031

DESCRIPTION:

P.C.B. NUMBER:

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