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53A-145 DIFFERENTIAL CHAINING CARD

SERVICE MANUAL

BFGoodrich
Aerospace

JcAIR Test Systems

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http:\\www.jcair.com

1/19/00 7812-01-A
through
9604-01-C

JcAIR INC.

NAME: CHAINING CARD 9604-01-C

ASSY NO: 53A-145

REVISION: 01

DATE: 02/13/1996

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
1	41530-14500	P.C. BOARD VERSION 2S 9604	EA	1.00	SAE CIRCUITS CO	41530-14500
					TEKTRONIX INC.	41530-14500
					UNICIRCUITS	41530-14500
C05	22018-10007	CAP FXD TA 1UF 10% 50VDCW	EA	1.00	MALLORY CAPACIT	TAS105K050PIA
					SPRAGUE/VISHAY	173D105X9050V
C15	20128-10005	CAP FXD CER .01UF 20% 50VDCW	EA	2.00	AVX/KYOCERA	SR201E103MAA
					KEMET-UNION CAR	C322C103M5U5CA
					SPRAGUE/VISHAY	1C25Z5U103M050B
C22	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	14.00	AVX/KYOCERA	SR215E104MAA50VDCW
					KEMET-UNION CAR	C322C104M5U5CA
					SPRAGUE/VISHAY	1C20Z5U104M050B
C23	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C25	20128-10005	CAP FXD CER .01UF 20% 50VDCW	EA	-		
C34	21018-40007	CAP FXD ELECT 4UF 75% -10% 12VDCW	EA	1.00	CORNELL-DUBILIE	NLW4-16
					CORNELL-DUBILIE	NLW4-50
					SPRAGUE/VISHAY	30D405G050BA2
					SPRAGUE/VISHAY	TE1302.1
C35	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C36	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C37	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C45	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C46	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C52	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C54	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C55	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C56	21018-15009	CAP FXD ELECT 150UF 75% -10% 16VDCW	EA	1.00	CORNELL-DUBILIE	NLW150-16
					MALLORY CAPACIT	TT16M150A
C64	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C65	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C66	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
C67	20128-10006	CAP FXD CER .1UF 20% 50VDCW	EA	-		
DS01	32000-00103	DIODE LED RED 50MA	EA	1.00	DIALIGHT	550-0103
					DIALIGHT	550-0406
					QUALITY TECHNOL	MV60538.MP7
DS010	32000-02003	DIODE LED RED W/RES	EA	9.00	DIALIGHT	547-2003
					EATON CORPORATI	134LIC
					QUALITY TECHNOL	MR5010.MP1
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	-		
DS117	32000-02003	DIODE LED RED W/RES	EA	-		
E1	40401-00145	STAMP 53A-145 STYLE B RED	EA	1.00	STU PHILLIPS CO	53A-145

JcAIR INC.

NAME: CHAINING CARD 9604-01-C ASSY NO: 53A-145

REVISION: 01 DATE: 02/13/1996

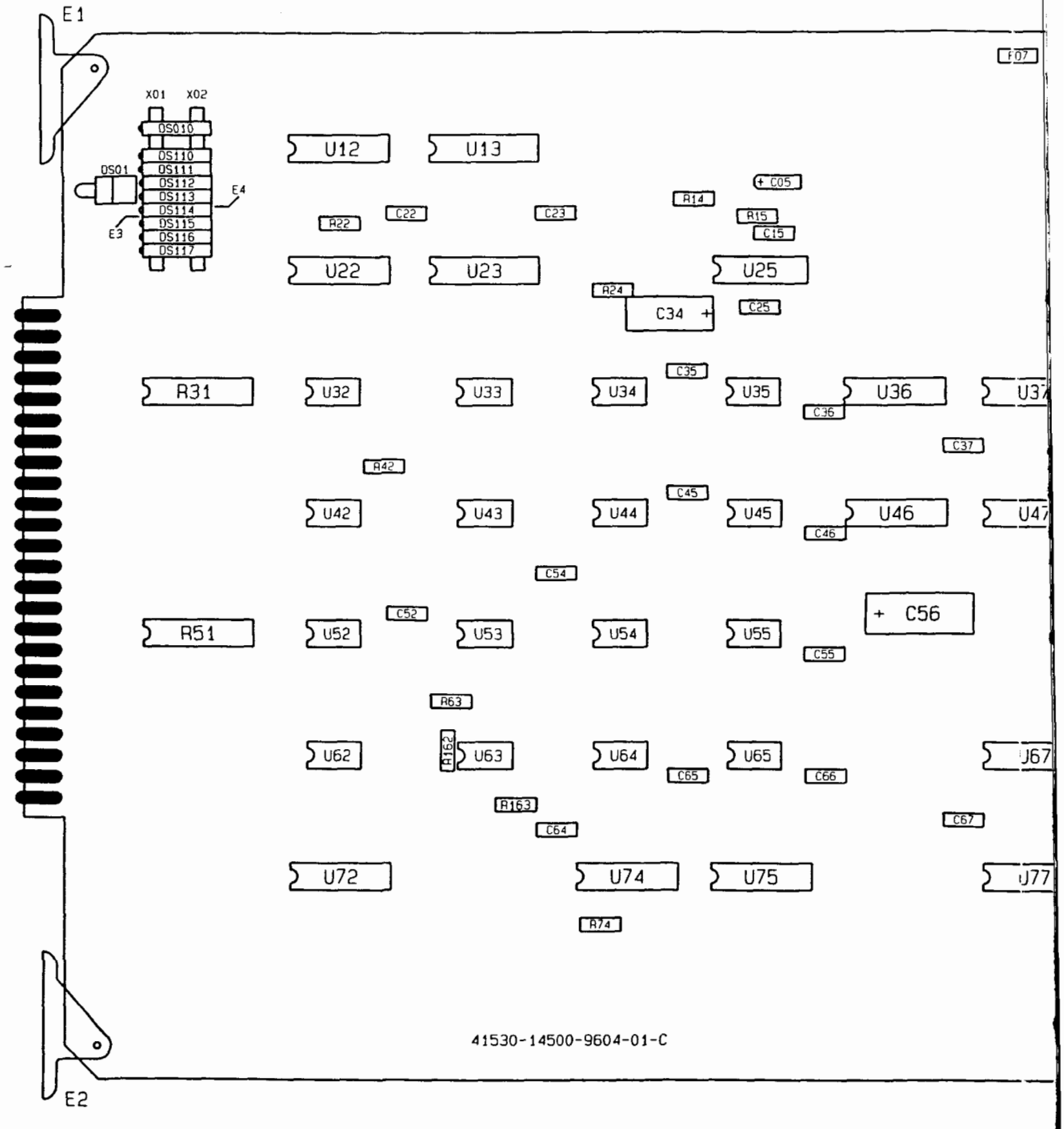
ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
E2	40401-10007	STAMP CHAINING STYLE D RED	EA	1.00	STU PHILLIPS CO	CHAINING
E3	45050-03233	DCL LED 10POS DRW 00000 -00465	EA	1.00	GOOD DECAL	45050-03233
E4	45050-03218	DCL LED 10 POS	EA	1.00		
F07	42202-52001	FUSE SUB-MIN 2AMP	EA	1.00	LITTLEFUSE INC.	251002
					SAN-O	SP5-2A
R14	10117-47004	RES COMP 4.7K 1-4W 5%	EA	1.00	ALLEN-BRADLEY C	RC07GF472J
					ROHM CORP.	R25JE-4.7K-5%
R15	10117-47005	RES COMP 47K 1-4W 5%	EA	1.00	ALLEN-BRADLEY C	RC07GF473J
					ROHM CORP.	R25JE-47K-5%
R22	10117-33003	RES COMP 330 1-4W 5%	EA	2.00	ALLEN-BRADLEY C	RC07GF331J
					NIC	NIC-NCF25-330
					ROHM CORP.	R25JE-330-5%
R24	10117-33005	RES COMP 33K 1-4W 5%	EA	1.00	ALLEN-BRADLEY C	RC07GF333J
					ROHM CORP.	R25JE-33K-5%
R31	12001-13004	RES NETWORK 130 1-4W 5% 8PKG	EA	2.00	ALLEN-BRADLEY C	316B131
					BOURNS INC.	4116R-1-131
R42	10117-10004	RES COMP 1K 1-4W 5%	EA	3.00	ALLEN-BRADLEY C	RC07GF102J
					ROHM CORP.	R25JE-1K-5%
R51	12001-13004	RES NETWORK 130 1-4W 5% 8PKG	EA	-		
R63	10117-10004	RES COMP 1K 1-4W 5%	EA	-		
R74	10117-10004	RES COMP 1K 1-4W 5%	EA	-		
R162	10117-47003	RES COMP 470 1-4W 5%	EA	1.00	ROHM CORP.	R25JE-470-5%
R163	10117-33003	RES COMP 330 1-4W 5%	EA	-		
U12	73300-07404	IC TTL HEX INVERTER	EA	2.00	NATIONAL SEMI /	DM7404
					TEXAS INSTR. IN	7404
U13	79910-74157	IC TTL QUAD 2-TO-1 LINE DATE SELECTOR-MU	EA	2.00	NATIONAL SEMI /	DM74157
					TEXAS INSTR. IN	74157
U22	73300-07404	IC TTL HEX INVERTER	EA	-		
U23	79910-74157	IC TTL QUAD 2-TO-1 LINE DATE SELECTOR-MU	EA	-		
U25	79606-00556	IC TTL DUAL TIMER	EA	1.00	MOTOROLA SEMICO	MC3456P
					TEXAS INSTR. IN	NE556A
U32	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	16.00	TEXAS INSTR. IN	75119 TI ONLY
U33	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U34	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U35	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U36	76601-07438	IC TTL QUAD 2-INPUT NAND BUFFER W-OC	EA	3.00	NATIONAL SEMI /	DM7438
					TEXAS INSTR. IN	7438
U37	78401-07414	IC TTL HEX SCHMITT INVERTING BUFFER	EA	3.00	NATIONAL SEMI /	DM7414
					TEXAS INSTR. IN	7414
U42	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U43	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U44	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U45	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U46	76601-07438	IC TTL QUAD 2-INPUT NAND BUFFER W-OC	EA	-		
U47	78401-07414	IC TTL HEX SCHMITT INVERTING BUFFER	EA	-		
U52	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U53	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U54	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		

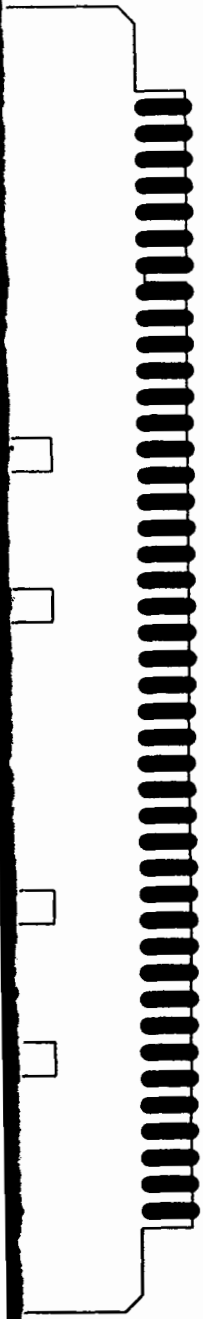
JcAIR INC.

NAME: CHAINING CARD 9604-01-C ASSY NO: 53A-145

REVISION: 01 DATE: 02/13/1996

ITEM/ SYMBOL	JcAIR P/N	DESCRIPTION	U/M	QTY	MFG	MFG'S P/N
U55	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U62	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U63	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U64	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U65	73303-75119	IC TTL DIFFERENTIAL LINE TRANSCEIVER	EA	-		
U67	76601-07438	IC TTL QUAD 2-INPUT NAND BUFFER W-OC	EA	-		
U72	73000-07474	IC TTL DUAL FLIP-FLOP D-TYPE EDGE-TRIG	EA	2.00	NATIONAL SEMI /	DM7474
					TEXAS INSTR. IN	7474
U74	73000-07474	IC TTL DUAL FLIP-FLOP D-TYPE EDGE-TRIG	EA	-		
U75	76600-07400	IC TTL QUAD 2-INPUT NAND GATE	EA	1.00	NATIONAL SEMI /	DM7400
					TEXAS INSTR. IN	7400
U77	78401-07414	IC TTL HEX SCHMITT INVERTING BUFFER	EA	-		
X01	45001-12100	CONNECTOR SIP 12 PIN	EA	2.00	CIRCUIT ASSEMBL	CAS-12VSC-12B
					STANFORD APPLIE	CSA3000-12BC
X02	45001-12100	CONNECTOR SIP 12 PIN	EA	-		
REF0	53A-145	CHAINING CARD 9604-01-C	EA	-		


E1
X01
X02
DS010
DS110
DS111
DS112
DS113
DS114
DS115
DS116
DS117
DS01
E3
E4
U12
U13
C05
R14
R22
C22
C23
R15
C15
U22
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U25
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R163
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U72
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U75
R74
41530-14500-9604-01-C
E2



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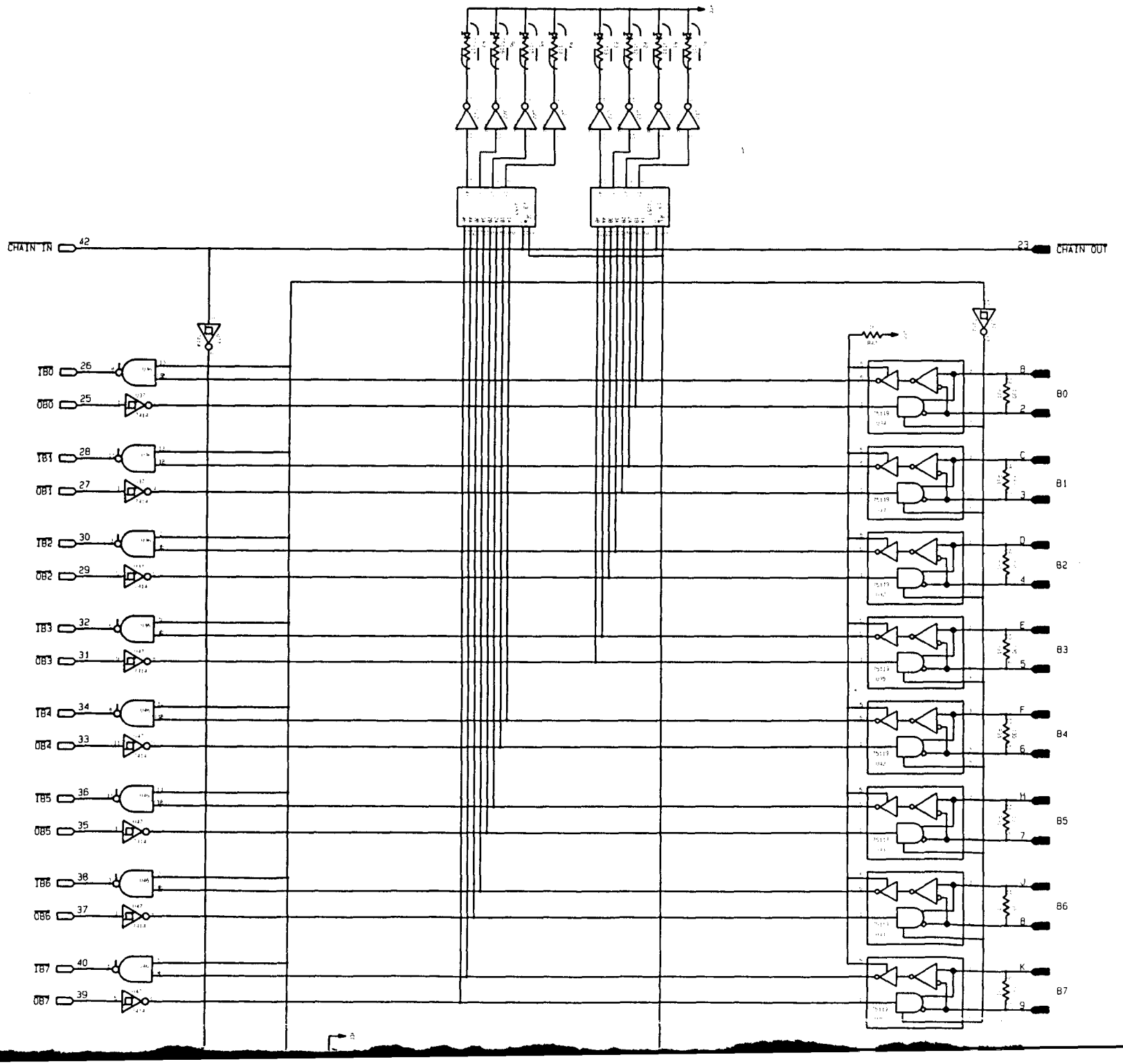
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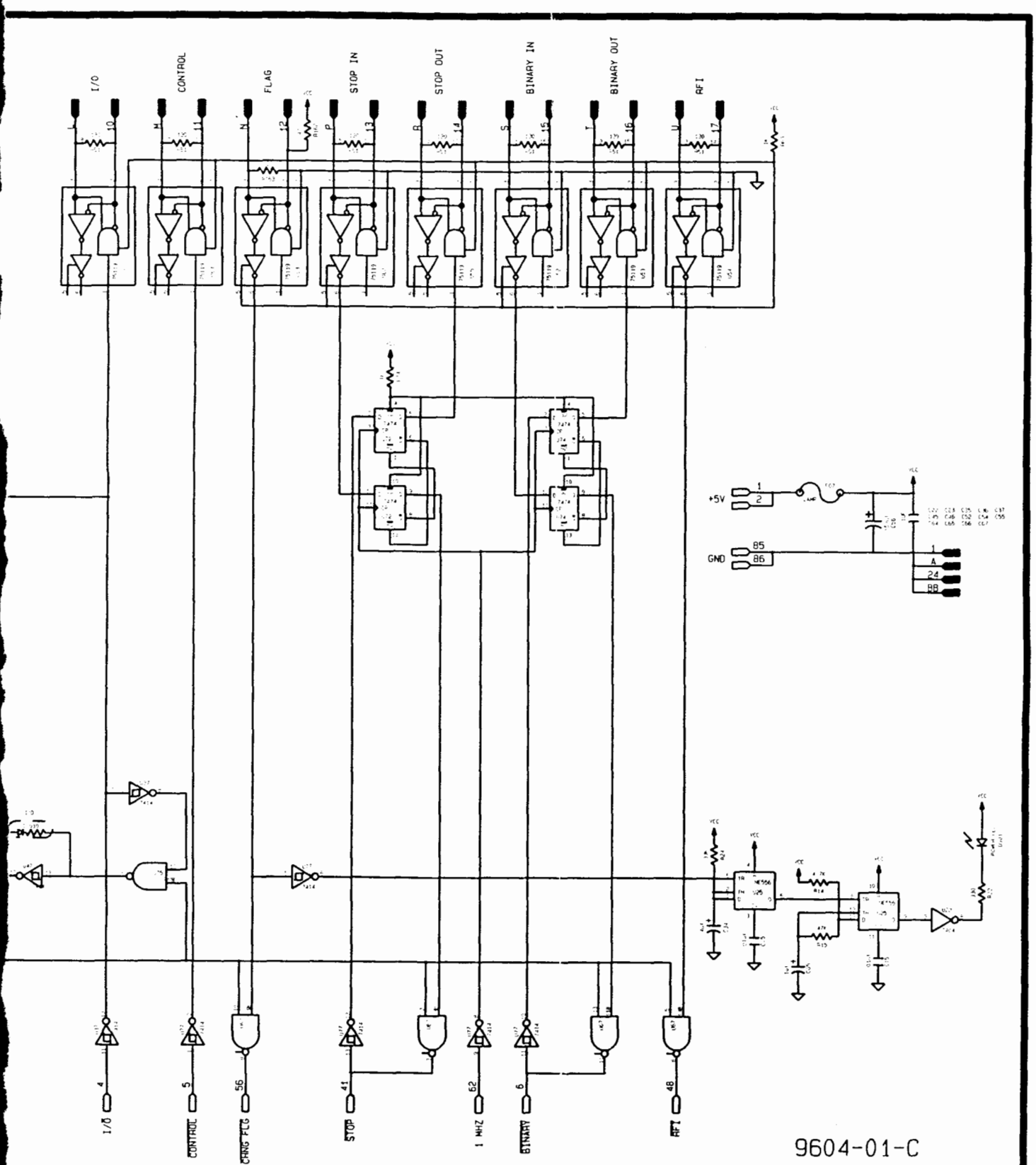
JcAIR INC.
400 NEW CENTURY PARKWAY
NEW CENTURY, KS USA 66031

CHAINING CARD

SIZE	FSCM NO.	DWG. NO.	REV.
B	41364	41530-14500 ASSY	9604-01-C

SCAL	N/A	UNIT:	53A-145	SHEET	1 OF 1


CHAIN IN
42
23
CHAIN OUT
IB0
26
OB0
25
IB1
28
OB1
27
IB2
30
OB2
29
IB3
32
OB3
31
IB4
34
OB4
33
IB5
36
OB5
35
IB6
38
OB6
37
IB7
40
OB7
39
B0
B1
B2
B3
B4
B5
B6
B7



9604-01-C

REVISION LEVEL	ECO #
7812-01-A	ISSUED
7812-01-B	2169

JcAIR Inc.
400 NEW CENTURY PKWY
NEW CENTURY, KS 66031

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PART NO.: 53A-145

DESCRIPTION: CHAINING CARD

P.C.B. NUMBER: 41530-14500

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