



MODEL 3000 ACCOUNTING MODE

To get into the accounting mode, you have to throw the accounting switch on. The accounting switch is a rocker type switch with a plastic lever. It is located inside the machine near the left coin mech assembly. When it is thrown the screen will change from the game mode to the accounting mode. The screen will appear to be some what like the following:

(A) B1	(1) Version	86	Dynamic-A
	(2)	0	0 (5)
	(3)	0	0 (6)
	(4)	0	0 (7)
	(8)	86	86 (9)

- (A) Tells you what type of program chip you have.
- (1) Tells you if you are in dynamic of standard percentage setting. Tells you what percentage you have set the machine for. Also tells you if it is on eights or better, any pair or better, jacks or better, or aces or better.
- (2) Coins in for ever.
- (3) Token machine only, jack pot counter for ever.
- (4) Games knocked off for ever.
- (5) Coins in since last time canceled.
- (6) Token machine only, jack pot counter since last time canceled.
- (7) Games knocked off since last time canceled.
- (8) Percentage machine is running at the instant you look at it. This number changes after every game played. This number should only be used if you suspect the machine is running away. This number is for ever.
- (9) Same as above, but only since the last time canceled.

Note 1 - You can cancel the right side, (5), (6), (7), and (8), back to zero, by being in the accounting mode and pressing the cancel switch on the front panel.

Note 2 - If the word error, appears on the bottom of the screen, when you go into the accounting mode, hitting the cancel switch will clear (2),(3),(4),(5),(6),(7),(8) and (9), back to zero, an error is caused by a big voltage surge. This can be caused by lightning hitting a line near by or bad power supplied by the electric company. We recommend that all games are plugged into three wire outlets.

Note 3 - For percentage settings, see model 3000 percentage ratio setting sheet.

For Amusement Only - The operation of these games and the features therein may be subject to various state and local laws or regulations. It is not intended herein to solicit the sale of such games in any jurisdiction wherein the same may not be lawfully sold or operated.

MODEL 3000 CUSTOMER OPTIONS

To obtain the following options the wire must be grounded. The wires are folded back in the area shown.

Single Coin = Yellow wire near coin in counter.
 No Attract Message = Red/Yellow wire near coin in counter.
 Silent Knock Off = Gray wire near coin in counter.
 Jacks or Better = Green wire near coin in counter.
 Max Bet of 9 = Brown wire near accounting switch.

D6 = Gray wire near counter strip.

D5 = Yellow wire near counter strip.

SW4 = Switch 4 on U30 location on main Logic Board.

To get D6&D5 on, you ground wire to ground strip.

To get SW4 on, you throw switch on U30 to on position.

D6	D5	SW4	Game Description
ON	ON	ON	Fast Flash Poker no Hi-Lo *
ON	ON	OFF	Slow Flash Poker no Hi-Lo *
ON	OFF	ON	Normal Poker No Hi-Lo
ON	OFF	OFF	Normal Poker Hi-Lo Down Card
OFF	ON	ON	Fast Flash Poker Fast Flash Hi-Lo *
OFF	ON	OFF	Slow Flash Poker Slow Flash Hi-Lo *
OFF	OFF	ON	Normal Poker Fast Flash Hi-Lo
OFF	OFF	OFF	Normal Poker Slow Flash Hi-Lo

* Available 3rd Quarter 1983

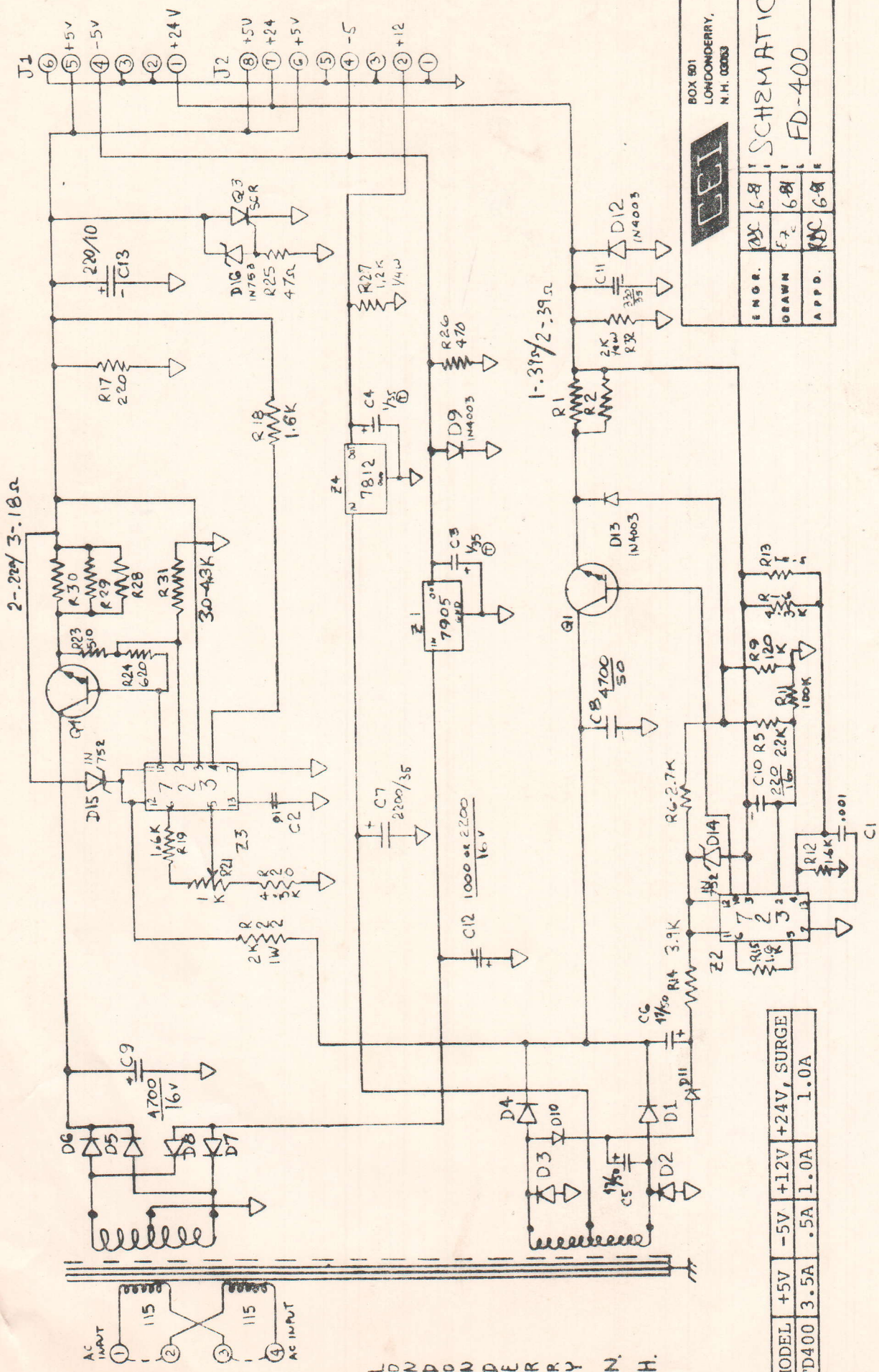
VR2 - Volume control located on main logic card between U43 & U50.

Coin Counters = 24V DC 10 counts per second.

U30 Switch's 1,2,3 for Hi-Lo and Poker

SW1	SW2	SW3	Description
OFF	-	-	Normal Game
ON	-	-	All front panel lamps light up to test lamps. If you hit each switch you will hear a tone to tell you if switch is good.
OFF	OFF	OFF	No Jokers or Wild Cards.
OFF	ON	OFF	Bet 4 or More to get Jokers in Deck.
OFF	OFF	ON	Bet 8 or More to get Jokers in Deck.
OFF	ON	ON	Jokers all the time in Deck.

MODEL FD400 by CEI CORPORATION



MODEL	+5V	-5V	+12V	+24V, SURGE
FD400	3.5A	.5A	1.0A	1.0A

LONDONDERRY N.H.

Find No.	Signal Name	Remarks Notes	Destination	Awg	color	Destination	avg	color
	Ground		PC Card Pin 1	18	BLACK	Ground Strip Pin 2 Top		33"
	Ground		PC Card Pin A	18	BLACK	Ground Strip Pin 3 Top		33"
	+5VDC		PC Card Pin 2	18	WHITE RED	Power Supply P5-8		58"
	+5VDC		PC Card Pin B	22	WHITE RED	Near Test Switch		24"
		Not Used	PC Card Pin 3					
	-5VDC		PC Card Pin C	22	Violet	Power Supply P4-4		59"
	+12VDC		PC Card Pin 4	22	RED BLACK	Power Supply P5-2		58"
		Not Used	PC Card Pin D					
	Vertical	Sync	PC Card Pin 5	22	WHITE RED	TV Monitor J7-8		36"
	Size	Not Used	PC Card Pin E		WHITE	Selector Switch Center		
	Horizontal	Sync	PC Card Pin 6	22	Brown	TV Monitor J7-7		37"
	Poker	Not Used	PC Card Pin F		Blue	Selector Switch Top		
		Not Used	PC Card Pin 7					
	Black Jack	Not Used	PC Card Pin H			Selector Switch Bottom		

Find No.	Signal Name	Remarks Notes	Destination	AWG color	Destination	AWG color	AWG color
	PC-1	Not Used	PC Card Pin 8	22			
	PC-2	Female Jack	PC Card Pin J	22	Brown	Thin side	
	PC-2	Not Used	PC Card Pin 9	22			
	PC-0	Female Jack	PC Card Pin K	22	White	Wide Side	
	10¢ Coin	Switch	PC Card Pin 10	22	WHITE ORANGE	10¢ Coin Switch N.O.	49"
		Power Supply	PC Card Pin L		Green	1 pin Molex	
	25¢ Coin	Switch	PC Card Pin 11	22	WHITE BLUE	25¢ Coin Switch N.O.	50"
		Not Used	PC Card Pin M				
	Play Credit Switch		PC Card Pin 12	22	RED GREEN	Play Credit Switch Pin 1	34"
		Reset	PC Card Pin N		Blue	Reset Button	
	Deal Switch		PC Card Pin 13	22	YELLOW BROWN	Deal Switch Pin 1	33"
		Not Used	PC Card Pin P		Yellow	Ground	
	Discard 1	Switch	PC Card Pin 14	22	ORANGE	Discard 1 Switch Pin 1	25"
		Token op.	PC Card Pin R		Gray	Ground	

Find No.	Signal Name	Remarks Notes	Destination	Awg	color	Destination	awg	color
	Draw Switch		PC Card Pin 15	22	white Violet	Draw Switch Pin 1		29"
		Not Used	PC Card Pin S					
	Stand Switch		PC Card Pin 16	22	Red Black	Stand Switch Pin 1		30"
		Not Used	PC Card Pin T					
	Token Switch		PC Card Pin 17	22	Gray	Token Motor Switch pin	N.O.	47"
	Payoff	Switch	PC Card Pin U	22	Orange	Payoff Female J6-1		39"
	Test		PC Card Pin 18	22	Red Yellow	Test Switch Pin 1		20"
	Test 2	Not Used	PC Card Pin V	22	yellow	Test switch 2 Pin 1		20"
	Discard 2	Switch	PC Card Pin 19	22	Blue	Discard 2 Switch Pin 1		26"
	Discard 3	Switch	PC Card Pin W	22	Gray	Discard 3 Switch Pin 1		28"
	Discard 4	Switch	PC Card Pin 20	22	white	Discard 4 Switch Pin 1		31"
	Discard 5	Switch	PC Card Pin X	22	white Red	Discard 5 Switch Pin 1		32"
		Not Used	PC Card Pin 21					
	Cancel	Switch	PC Card Pin Y	22	white Green	Cancel Switch Pin 1		26"

Find No.	Signal Name	Remarks Notes	Destination	Avg	Avg color	Destination	avg	color
	10¢ Counter		PC Card Pin 22	22	Red Violet	Counter Strip Pin 1		19"
		Not Used	PC Card Pin Z					
			PC Card Pin 23	22	Yellow	Token Relay Coil Pin 1		20"
		Not Used	PC Card Pin a					
		Not Used	PC Card Pin 24	22				25"
		24 Volt	PC Card Pin b		Yellow	Meter Strip		
	Audio	PC C	PC Card Pin 25	22	White Violet	Speaker Pin 1		48"
		Not Used	PC Card Pin c					
			PC Card Pin 26	22				40"
		Not Used	PC Card Pin d					
	Discard 1	Lamp	PC Card Pin 27	22	Green	Discard 1 Switch Pin L2		24"
	Video	(Black & White)	PC Card Pin e	22	White Black	Monitor TV J8-4		36"
	Deal Lamp		PC Card Pin 28	22	Black Violet	Deal Switch Pin L2		32"
	Play Credit	Lamp	PC Card Pin f	22	White Green	Play Credit Switch L2		35"

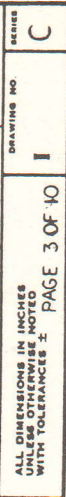
Find No.	Signal Name	Remarks Notes	Destination	Avg	color	Destination	avg	color
	Discard 4	Lamp	PC Card Pin 29	22	white green	Discard 4 Switch L2		30"
	Stand Lamp		PC Card Pin h	22	red violet	Stand Switch Pin L2		31"
	25¢ Unlock	Anode of diode on coil	PC Card Pin 30	22	white green	25¢ Coin Unit Pin 1 coil		60"
	Discard 5	Lamp	PC Card Pin j	22	white yellow	Discard 5 Switch L2		32"
	Draw Lamp		PC Card Pin 31	22	white gray	Draw Switch Pin L2		29"
		Not Used	PC Card Pin k					
		Not Used	PC Card Pin 32					
	Discard 2	Lamp	PC Card Pin l	22	violet	Discard 2 Switch L2		26"
	Cancel	Lamp	PC Card Pin 33	22	white blue	Cancel Switch Pin L2		26"
	Payoff	Counter	PC Card Pin m	22	white yellow	Counter Strip Pin 5		19"
	Discard 3	Lamp	PC Card Pin 34	22	white black	Discard 3 Switch L2		28"
	Green		PC Card Pin n	22	green	TV Monitor J8-3		36"
	25¢ Counter		PC Card Pin 35	22	white green	Counter Strip Pin 3		20"
	Blue		PC Card Pin p	22	blue	TV Monitor J8-5		36"

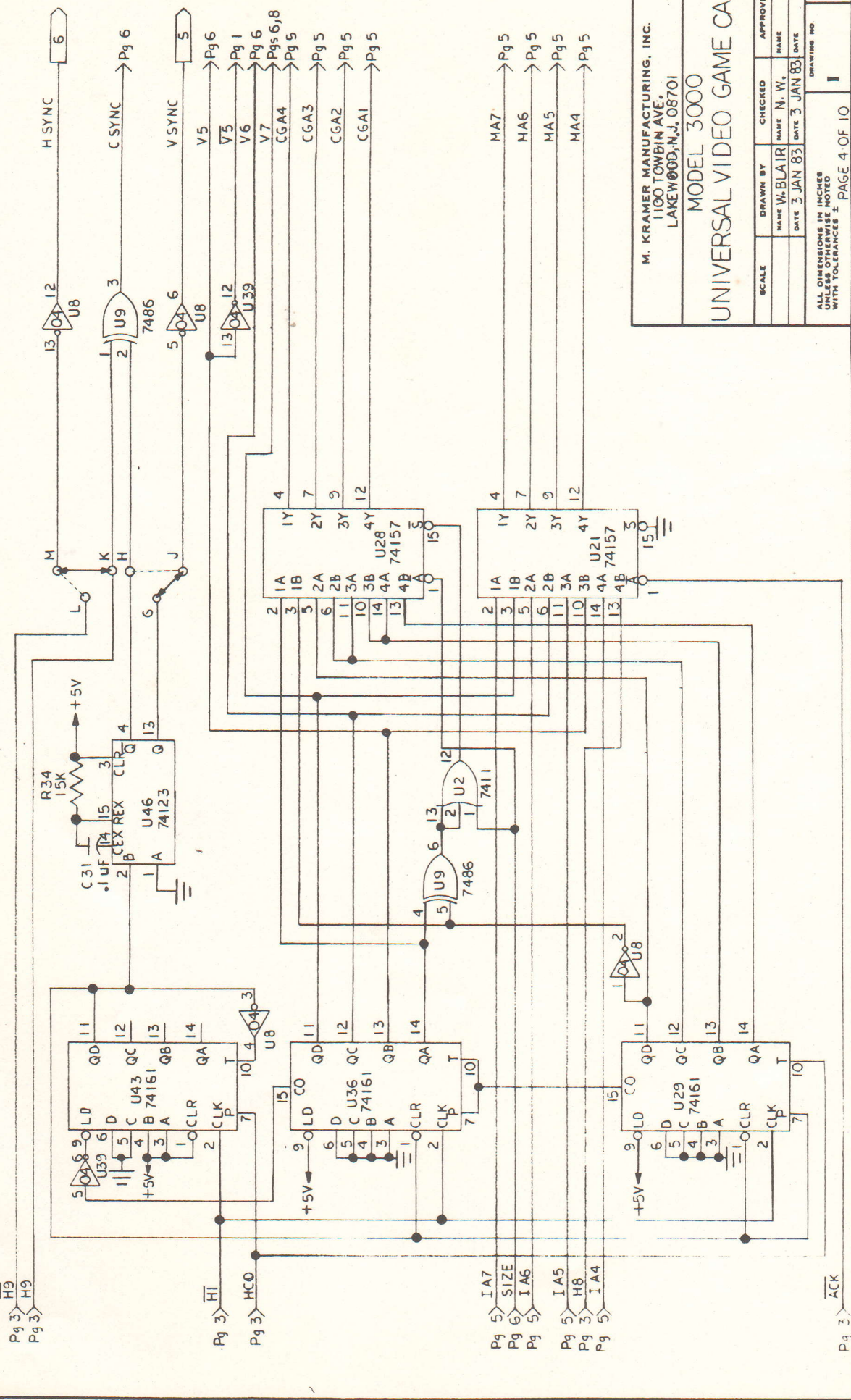
Find No.	Signal Name	Remarks Notes	Destination	Awg color	Destination	awg color
	60 HZ	Power Supply 60Hz	PC Card Pin 36	18	White	Power Supply P-5-6
	Red		PC Card Pin r	22	Red	TV Monitor J8-1
	Ground	4" Length	Discard 1 Switch Pin 2	22	BLACK	Discard 2 Switch Pin 2 TO
	Ground	4" Length	Discard 3 Switch Pin 2	22	BLACK	Discard 4 Switch Pin 2 TO
	Ground	4" Length	Discard 5 Switch Pin 2	22	BLACK	Play Credit Switch pin2 to
	Ground	4" Length	Deal Switch Pin 2	22	BLACK	Stand Switch Pin 2 To
	Ground	4" Length	Draw Switch Pin 2	22	BLACK	Cancel Switch Pin 2
	24VDC	4" Length	Discard 1 Switch L1	22	Red	Discard 2 Switch pin L1 To
	24VDC	4" Length	Discard 3 Switch L1	22	Red	Discard 4 Switch L1 To
	24VDC	4" Length	Discard 5 Switch L1	22	Red	Play Credit Switch L1 To
	24VDC	4" Length	Deal Switch Pin L1	22	Red	Stand Switch Pin L1 To
	24VDC	4" Length	Draw Switch Pin L1	22	Red	Cancel Switch Pin L1 To
	24VDC	Sleeve Buss Wire As	Counter Strip Pin 8 Bot	20	Buss	Counter Strip pin 7 Bot to
	24VDC	Required	Counter strip pin 6 bott	20	Buss	Counter Strip pin4 Bott to
	24VDC		Counter Strip Pin 2 bott	20	Buss	
	24VDC		Power Supply P4-1	18	Red	Counter Strip Pin 8 top
	24VDC		Counter Strip Pin 7	20	Red	Discard 1 Switch pin L1
	24VDC		Counter Strip Pin 7	20	Red	25c Coin Unit Coil pin 2

Find No.	Signal Name	Remarks Notes	Destination	Awg	color	Destination	awg	color
	24VDC	NOT USED	Counter Strip Pin 6	20	Red	10¢ Coin Unit Coil pin2		4"
	24VDC	NOT USED	Counter Strip Pin 4	20	Red	Token Relay Pin 2		4"
	Ground	Sleeve Buss Wire As	Ground Strip pin 1 bott	18	Buss	Ground strip pin 2 bottom to	Buss	Buss
	Ground	Required	Ground strip pin 3 bott	18	Buss	Ground strip pin 4 bottom to	Buss	Buss
	Ground		Ground strip pin 5 bott	18	Buss	Ground strip pin 6 bottom to	Buss	Buss
	Ground		Ground strip pin 7 bott	18	Buss	Ground strip pin 8 bottom		
	Ground		Power supply P5-3	18	BLACK	Ground strip pin 1 top		33"
	Ground		Power supply P5-1	18	BLACK	Ground strip pin 1 top		33"
	Ground		Ground strip pin 4 top	18	BLACK	Cancel Switch pin 2		45"
	Ground		Ground strip pin 5 top	18	BLACK	TV Monitor J8-2		38"
	Ground		Ground strip pin 5 top	22	BLACK	AC Switch left side center		40"
	Ground		Ground strip pin 6 top	22	BLACK	25¢ Coin switch center		45"
	Ground	NOT USED	Ground strip pin 6 top	22	BLACK	10¢ coin switch center		44"
	Ground	NOT USED	Ground strip pin 7 top	22	BLACK	Token switch center		40"
	Ground		Ground strip pin 7 top	22	BLACK	Test switch center		43"
	Ground		Ground strip pin 7 top	22	BLACK	Test switch center		43"
	Ground		Ground strip pin 7 top	22	BLACK	Test switch center		43"

Find No.	Signal Name	Remarks Notes	Destination	AWG	color	Destination	AWG	color
	Ground		Ground strip pin 8 top	22	BLACK	Payoff female J6-2		61"
	Battery Neg		AC switch left side bott	22	BLACK	Battery holder negative pin		52"
	10¢ Lead 1 (10¢ Counter)		10¢ Counter lead 1	AS SUPPLIED	BLACK	Counter strip pin 1 top		
	10¢ lead 2 (=24vdc)		10¢ Counter lead 2	AS SUPPLIED	BLACK	Counter strip pin 2 top		
	25¢ Lead 1 (25¢ Counter)		25¢ Counter Lead 1	AS SUPPLIED	BLACK	Counter strip pin 3 top		
	25¢ Lead 2 (+24VDC)		25¢ Counter Lead 2	AS SUPPLIED	BLACK	Counter strip pin 4 top		
	Payoff lead 1 (Payoff Counter)		Payoff counter lead 1	AS SUPPLIED	BLACK	Counter strip pin 5 top		
	Payoff lead 2 (=24VDC)		Payoff counter lead 2	AS SUPPLIED	BLACK	Counter strip pin 6 top		
	AC Hot		Line Cord Black Wire		BLACK	Line Fuse Pin 1		
	AC Hot (FUSED)		Line Fuse Pin 2	18	BLACK	AC switch right side bottom		31"
	AC Switched		AC switch right side Cen	18	BLACK	Line Filter Pin 1		2 1/4"
	AC Buss		Token Fuse Pin 1	18	Buss	TV Monitor Fuse Pin 1 to		Buss
			Power Supply Fuse pin 1	18	Buss			
	Token Fused	NOT USED	Token Fuse Pin 2	18	BLACK	Token Unit Wire 1		25"
	TV Fused (Lead in TV line cord)		TV Line Cord Black wire		BLACK	TV monitor Fuse pin 2		

Find No.	Signal Name	Remarks Notes	Destination	Awg	color	Destination	awg	color
	Power Supply	Fused	Power supply fuse pin 2	18	BLACK	Power Supply P1-1 Male	6"	
	AC Common		Line cord white wire		wire	Line Filter Pin 3		
	AC Common		AC common strip pin 1	18	Buss	AC Common strip pin 2	to	
	AC Common		AC Common strip pin 3	18	Buss			
	AC Common		Line filter Pin 5	18	wire	AC Common strip pin 1	6"	
	AC Common		AC Common strip pin 1	18	wire	Power Supply P1-2 Male	6"	
	AC Common	(Lead in TV Line cord)	AC Common strip pin 2	18	wire	TV Monitor line cord white wire		
	AC Common	NOT USED	AC Common strip pin 3	18	wire	Token Relay Pin 3	35"	
	AC Common	switched(splice)	Token Unit wire 2	18	wire	Token relay pin 4	47"	
	AC Safety Ground		AC Cord green wire		Green	Line Filter Pin 2		
	Power Supply	Fused	Power supply J1-1 female	18	BLACK	Power Supply pin 1 xfrmr	6"	
	AC Common		Power supply J1-2 female	18	wire	Power supply pin 2 xfrmr	6"	
	Ground		Keyswitch Pin 2	22	BLACK	Payoff P6-2 Male	15"	
	Payoff Switch		Keyswitch Pin 1	22	wire	Payoff P6-1 Male	15"	

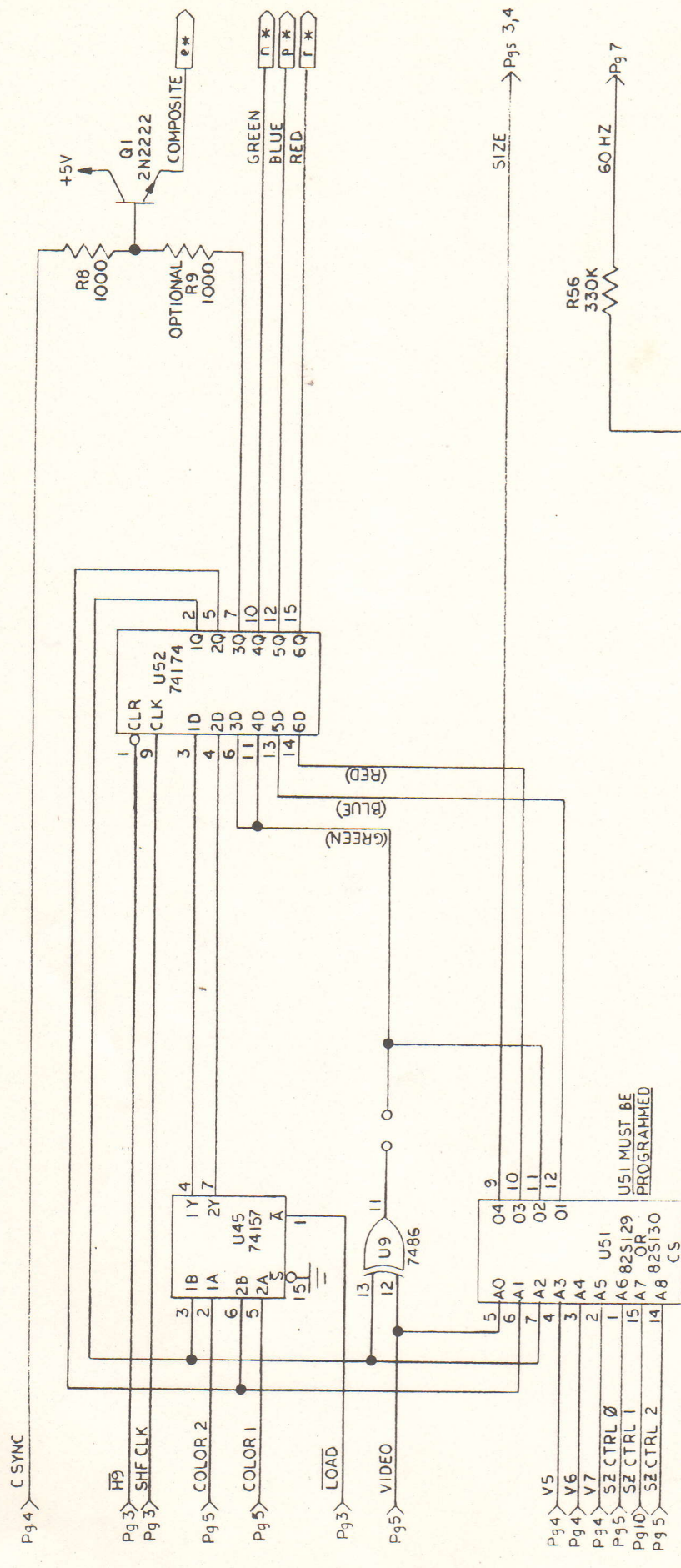




M. KRAMER MANUFACTURING, INC.
1100 TOWBIN AVE.
LAKEWOOD, N.J. 08701

MODEL 3000
UNIVERSAL VIDEO GAME CARD

SCALE	DRAWN BY	CHECKED	APPROVED
	NAME W. BLAIR	NAME N. W.	NAME
	DATE 3 JAN 83	DATE 3 JAN 83	DATE
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED WITH TOLERANCE ±			
DRAWING NO. I			SERIES C



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MODEL 3000
UNIVERSAL VIDEO GAME CARD

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	W. BLAIR	N. W.	NAME
	DATE 3 JAN 83	DATE 3 JAN 83	DATE

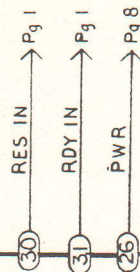
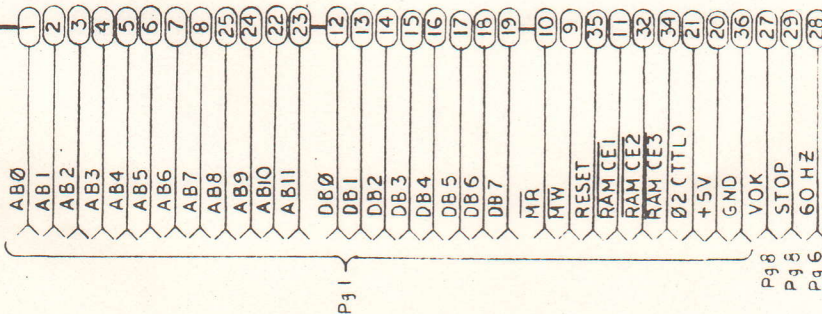
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DRAWING NO. **I** SERIES **C**

MODEL 3000 BATTERY BOARD

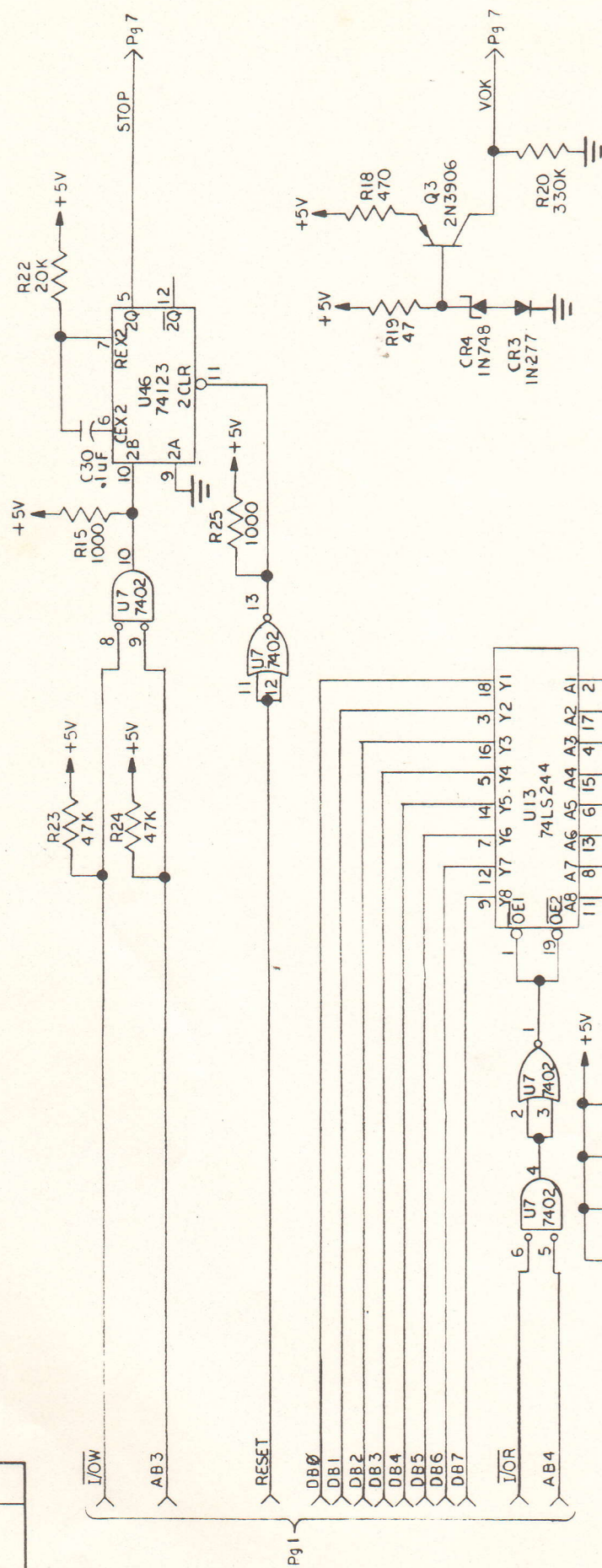
BATTERY BOARD CIRCUIT NOT SHOWN BECAUSE
BATTERY BOARD 3000 IS AN UNREPAIRABLE
ASSEMBLY



M. KRAMER MANUFACTURING, INC.
1100 TOWBIN AVE.
LAKEWOOD, NJ 08701

MODEL 3000
UNIVERSAL VIDEO GAME CARD

SCALE	DRAWN BY	CHECKED	APPROVED
	NAME W. BLAIR	NAME	NAME
	DATE 12 MAY 83	DATE	DATE
ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED WITH TOLERANCES ±			
DRAWING NO			SERIES
PAGE 7 OF 10			C



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MODEL 3000

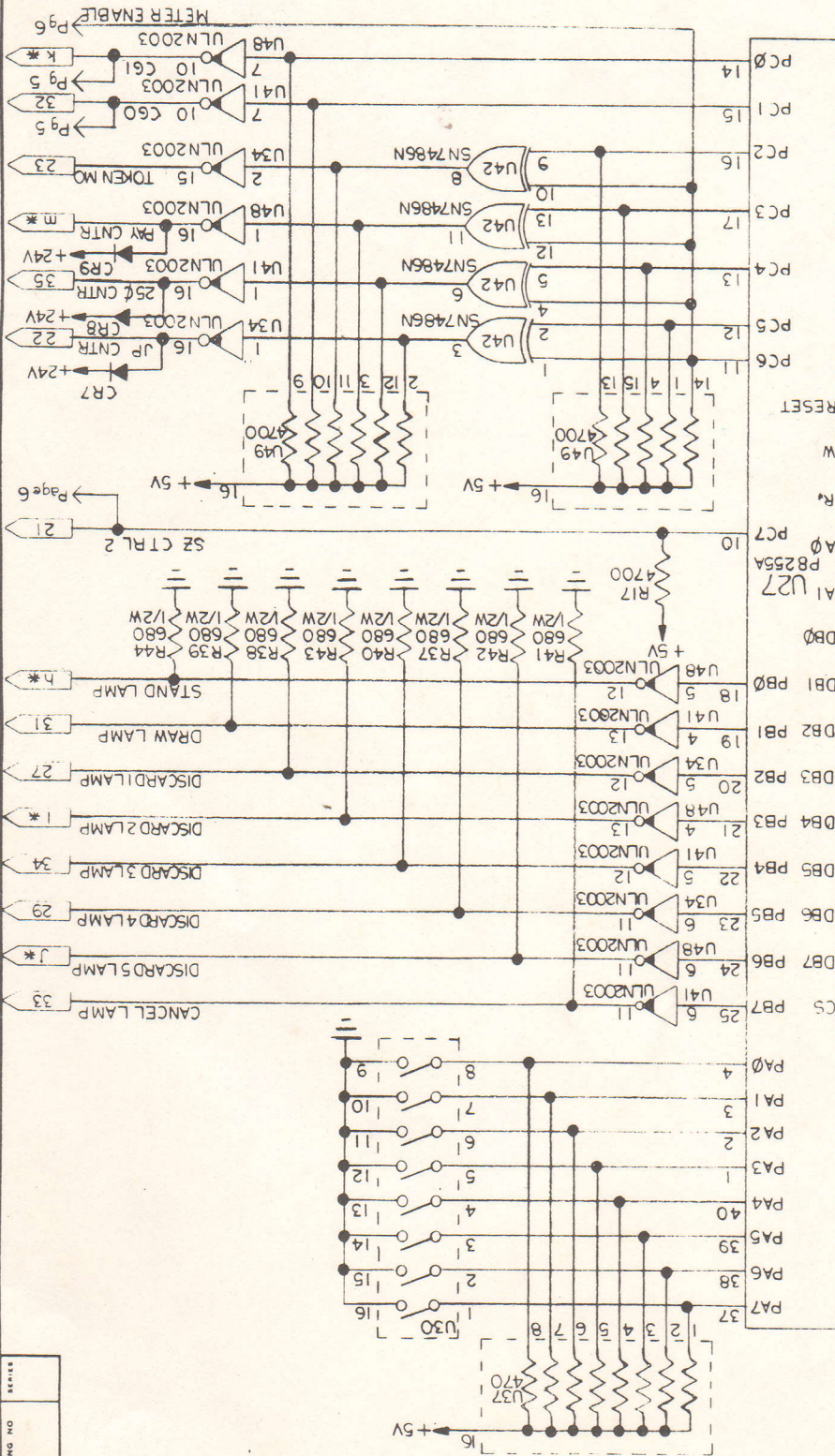
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LOWER CASE LETTERS

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LAKEWOOD, N.J. 08701

MODEL 3000

UNIVERSAL VIDEO GAME CARD

SCALE	DRAWN BY	CHECKED	APPROVED
	W. BLAIR	N. W.	
	NAME	DATE	DATE
	3 JAN 83	3 JAN 83	3 JAN 83
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SERIES C			