

JR. PAC-MAN

UNDER AGREEMENT BY NAMCO LTD.

INSTRUCTION MANUAL

Bally

MIDWAY MFG. CO.

10601 W. Belmont Avenue
Franklin Park, Illinois 60131
U.S.A.



Phone: (312) 451-9200 Cable Address: MIDCO Telex No.: 72-1596

WARNING

**THIS GAME MUST BE GROUNDED. FAILURE TO DO SO MAY
RESULT IN DESTRUCTION TO ELECTRONIC COMPONENTS.**

WARNING: This equipment generates, uses, and can radiate radio frequency energy and if not and used in accordance with the instructions manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a CLASS A computing device pursuant to SUBPART J of PART 15 of FCC RULES, which are designed to provide reasonable protection against such interference when operated in a commerical environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

ELECTRICAL BULLETIN: FOR ALL APPARATUS COVERED BY THE CANADIAN STANDARDS ASSOCIATION (CSA) STANDARD C22.2 NO. 1, WHICH EMPLOYS A SUPPLY CORD TERMINATED WITH A POLARIZED 2-PRONG ATTACHMENT PLUG.

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR. UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

Bally MIDWAYTM

Invites You To Use

**OUR TOLL FREE NUMBERS FOR
SERVICE INFORMATION CONCERNING THIS GAME, OR ANY
OTHER BALLY MIDWAY GAME YOU NOW HAVE ON LOCATION.**

**CALL US FOR PROMPT, COURTEOUS
ANSWERS TO YOUR PROBLEMS.**

VIDEO ➡ Continental U.S. 1-800-323-7182

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Bally MIDWAYTM

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Printed in U.S.A.

JR PAC MAN

GAME OPERATION

JR. PAC-MAN is a one or a two player game with a color T.V. monitor. The game has four possible modes of operation: ATTRACT, READY-TO-PLAY, PLAY, and SELF-TEST.

SELF-TEST MODE

The Self-Test mode is a special mode for checking the game switches and computer functions. It is the easiest and best way to check for proper operation of the entire game.

NOTE: Putting the game into Self-Test will cause it to *erase* any CREDITS it has on it from its memory.

You may begin a Self-Test at any time after the power to the game is on by sliding the Self-Test switch to the "ON" position. Now that the game is in the Self-Test mode, it will react as follows:

1. First, you will see several moving multicolored patterns appear on the screen.
2. Immediately following this, a right side up test display is shown on the monitor screen. The game will remain in this Self-Test mode until you set the Self-Test switch back to the "OFF" position.
3. To check your game function switches and buttons (coin counter switches, door opening button, 1 PLAYER and 2 PLAYER buttons): activate each one while the game is in the Self-Test mode. You should hear a different game sound for each activation. If you do not hear it, the switch/button is either not working, miswired, or disconnected. Check it out thoroughly.
4. When finished with the Self-Test mode, slide the Self-Test switch back to the "OFF" position.

5. Normal game functions will now return to the monitor screen.
6. If you wish to produce **ONLY** a CROSS HATCH test pattern on the monitor screen for further use, slide the Self-Test switch to the "ON" position, wait for the Self-Test display to appear, and then turn it "OFF" again. A cross hatch pattern appears immediately on the screen and will remain for about one second. To retain it, set the Self-Test switch back "ON" again quickly (BEFORE the cross hatch pattern disappears). It will now remain on the screen until you set the Self-Test switch to the "OFF" position again. At that time normal game functions will return.

ATTRACT MODE

1. The Attract mode starts:
 - ☐ Just after power has been turned on to the game. (Self-Test switch is in the "OFF" position.)
 - ☐ After a Self-Test has been completed. (Performing a Self-Test sets the credits in the games memory to zero "0".)
 - ☐ After a play has been finished and there are no more credits left in the games memory.
 - ☐ No matter where the game is in the Attract mode sequence, it will immediately go to the Ready-To-Play mode display as soon as a game has been paid for.

READY-TO-PLAY MODE

1. The Ready-To-Play mode starts when enough coins have been accepted for a 1 or a 2 player game.
2. The Ready-To-Play mode ends when either the "1 PLAYER" or the "2 PLAYER" push button is pressed.
3. If no START button is pressed, the displays will remain on the monitor screen indefinitely.

PLAY MODE

1. The Play mode begins when either the "1 PLAYER" or the "2 PLAYER" start button is pressed.
2. The Play mode ends when all of your JR. PAC-MEN have been caught. When this happens, "GAME OVER" is written across the center of the monitor screen.

TWO PLAYER OPERATION

In the two player mode, the rules of play are the same as in the single player mode. There are some additional rules, however.

1. The players must take turns at the controls.
2. Your turn lasts until the pursuers catch your JR. PAC-MAN. At this point, the game will do one of several things depending on whether or not the caught JR. PAC-MAN was your last or if you still have others remaining in reserve.

JR. PAC-MAN CAUGHT - OTHERS REMAINING IN RESERVE

- ☐ The GAME stops.
- ☐ Next, the Rack changes to the Rack number the other player is in, and what's left of the other players Rack and his JR. PAC-MAN appear on the screen.
- ☐ Play then begins for the other player.

JR. PAC-MAN CAUGHT - NO OTHERS REMAINING IN RESERVE

- ☐ Game displays "GAME OVER".
- ☐ The Rack changes to the Rack number the other player is in, what's left of the other players maze and his JR. PAC-MAN appear on the monitor screen, and game play then begins for the other player.
- ☐ After the last player has finished his game, the game will either go to the Attract mode (if there are no more credits left in its memory) or into the Ready-To-Play mode (if there are still credits left in its memory).

RACK ADVANCE

Your NEW game is equipped with a RACK ADVANCE feature that can allow you to view and/or play the higher racks for test purposes. It is activated in the following manner:

1. Open the games coin door and rear access door.
2. Turn the power to the game on.
3. Gently pull out the plunger on the Safety Interlock Switch located just inside the rear access door.
4. Using the Test Credit Button, put a credit on the game.
5. Press the "1 PLAYER" start button.
6. **IMMEDIATELY** set switch number 7 of the DIP SWITCH PACK located at 9-D on the games P.C. Board to the "ON" position.
7. The game will now automatically advance through it's racks continuously.
8. When finished, set the above switch back to the "OFF" position, and close and lock all the games doors.
9. Normal game functions will now return.

JR. PAC-MAN SCORING

DESCRIPTION	POINTS AWARDED
SMALL DOTS	10 POINTS EACH
LARGE DOTS	50 POINTS EACH
ENERGIZER DOTS	50 POINTS EACH
TRICYCLE	100 POINTS EACH
KITE	200 POINTS EACH
DRUM	500 POINTS EACH
BALLOON	700 POINTS EACH
TRAIN	1000 POINTS EACH
CAT	2000 POINTS EACH
SODA MUG	5000 POINTS EACH

JR. PAC-MAN

OPTION SWITCH SETTINGS

////////////////////////////////////METHOD OF PLAY////////////////////////////////////

	SW#1	SW#2	SW#3	SW#4	SW#5	SW#6	SW#7	SW#8
FREE PLAY	ON	ON						
*1 COIN 1 PLAY	OFF	ON						
1 COIN 2 PLAYS	ON	OFF						
2 COINS 1 PLAY	OFF	OFF						

////////////////////////////////////NUMBER OF JR. PAC-MEN PER GAME////////////////////////////////////

1 JR. PAC-MAN	ON	ON
2 JR. PAC-MEN	OFF	ON
*3 JR. PAC-MEN	ON	OFF
5 JR. PAC-MEN	OFF	OFF

////////////////////////////////////BONUS JR. PAC-MEN////////////////////////////////////

*BONUS JR. PAC-MAN AT 10,000 POINTS	ON	ON
BONUS JR. PAC-MAN AT 15,000 POINTS	OFF	ON
BONUS JR. PAC-MAN AT 20,000 POINTS	ON	OFF
BONUS JR. PAC-MAN AT 30,000 POINTS	OFF	OFF

////////////////////////////////////SPECIAL FUNCTIONS////////////////////////////////////

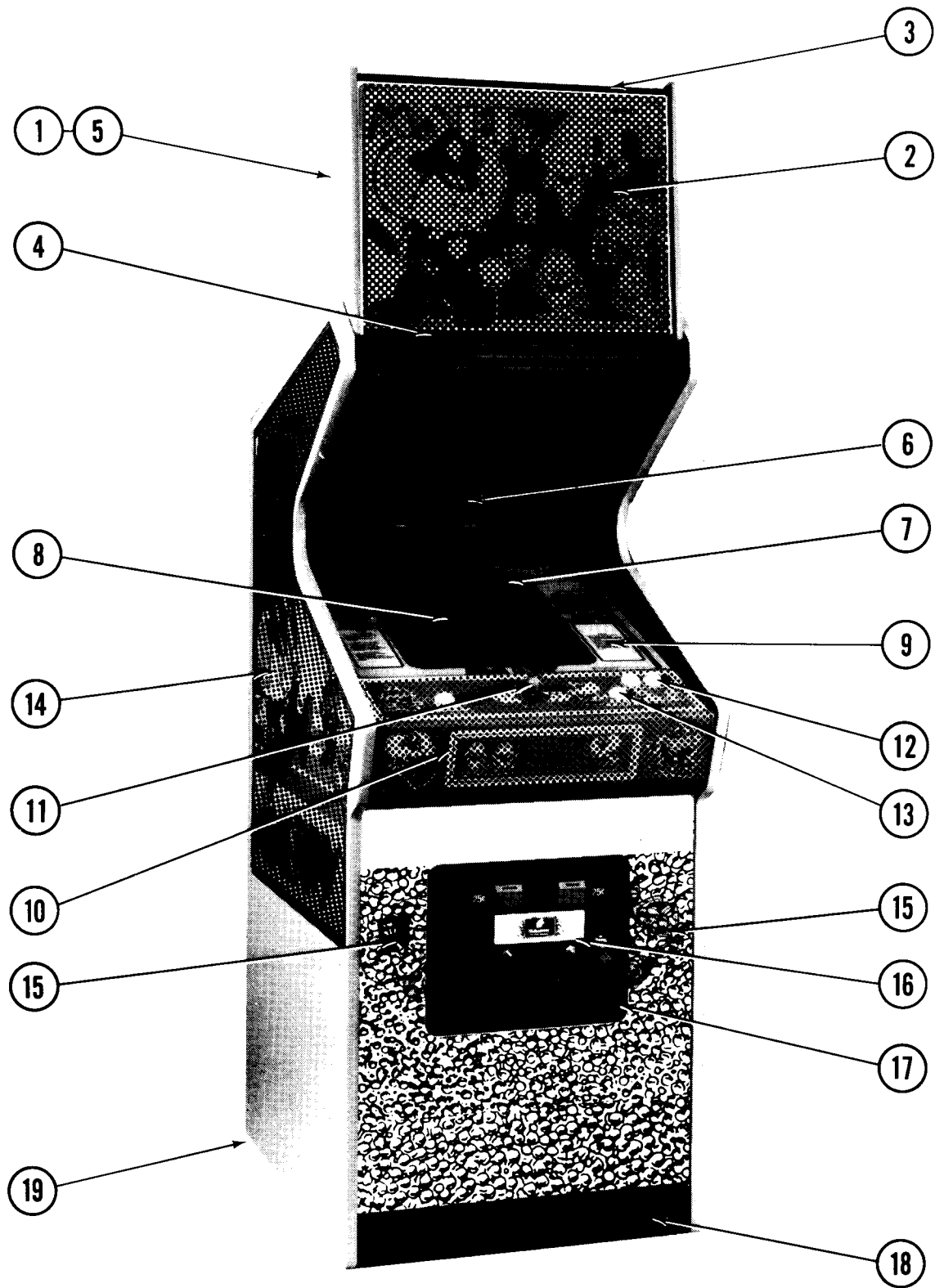
AUTOMATIC RACK ADVANCE	ON	OFF
FREEZE VIDEO (MONITOR PRESENTATION STOPS MOVING)	OFF	ON
*GAME OPERATES NORMALLY	OFF	OFF

*INDICATES FACTORY RECOMMENDED SETTINGS

PART NO. M051-00A29-A007

II. Illustrated Parts Breakdown

NO. 0A29 - JR. PAC-MAN - UPRIGHT - FRONT

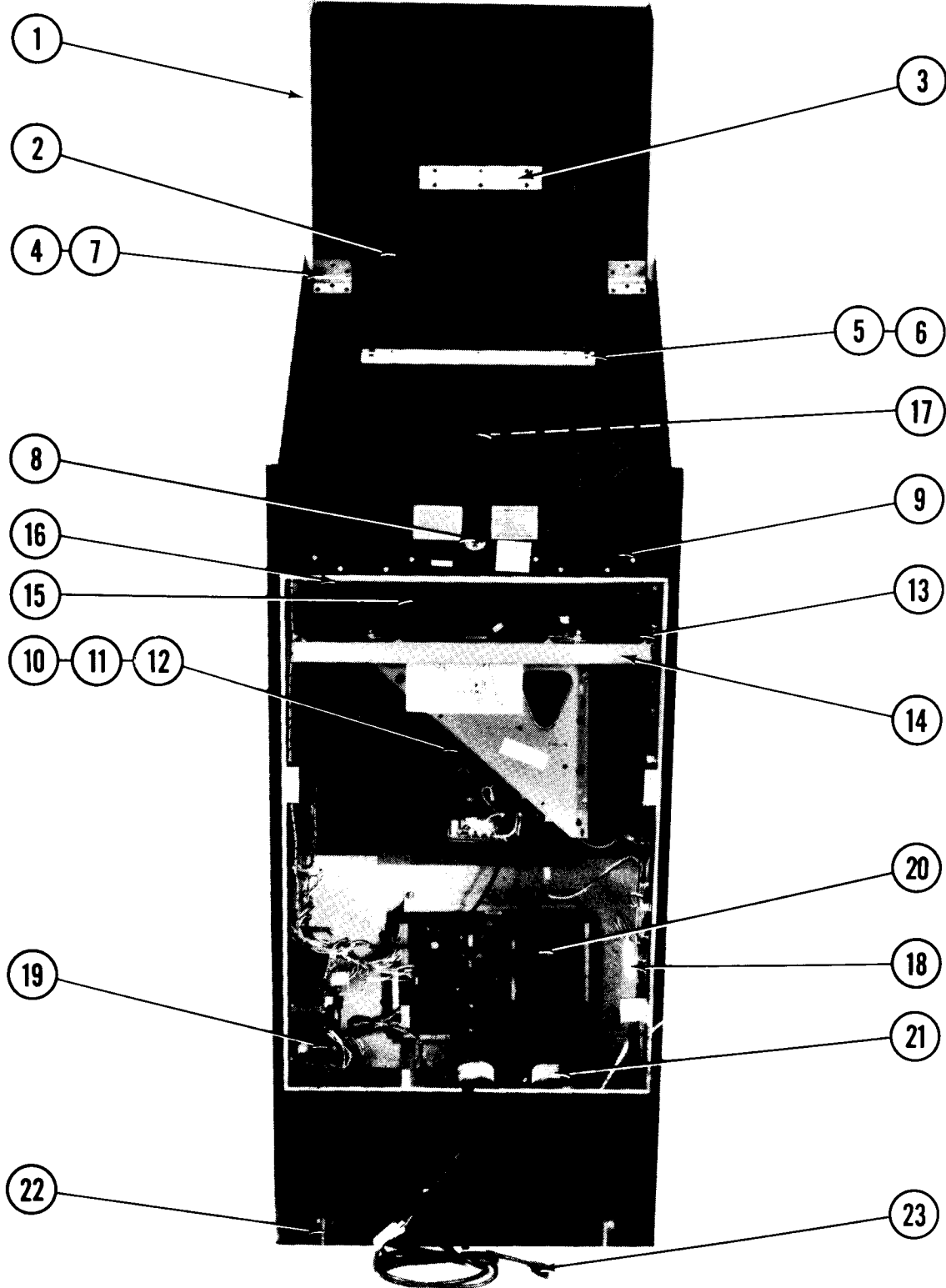


NO. 0A29 - JR. PAC-MAN - UPRIGHT - FRONT - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A353-00011-0000	HEADER ASSY.
2	0A29-00900-00XF	HEADER - 17-7/16"x21 7/8"
3	0353-00103-00XF	HEADER RETAINER - UPPER
4	A353-00014-00XF	HEADER RETAINER ASSY. - LOWER
	0017-00101-0138	#8-5/8 TORX TAMPER RESISTANT SCR. (6 REQ'D.)
5	A353-00021-0000	FLUOR. HEADER LIGHT ASSY. (2 REQ'D.)
6	0017-00009-0393	BLACK SPEAKER GRILL W/SLOTS
	0017-00003-0259	6"x9" SPEAKER - 8 OHM, 8W.
	0017-00101-0127	#8-32x1 1/2 CARRIAGE BOLT (4 REQ'D.)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
7	0508-00900-0000	T.V. BEZEL
8	0508-00905-0000	PLEXI-DIFFUSER
	0508-00901-0000	PLEXI-GLASS CLIPS (4 REQ'D.)
	0017-00101-0017	#6x 1/2 BLK. SLT. HEX HD. SCREW (4 REQ'D.)
9	0A29-00900-00XF	MAIN VIEWING GLASS
	0508-00108-0000	GLASS STOP BRKT.
	0017-00101-0017	#8x 3/4 SLT. HEX HD. M.S. (3 REQ'D.)
10	A353-00019-0000	OVERLAY - CONTROL SHELF PLATE ASSY.
	A353-00018-0000	CONTROL SHELF PLATE WELD ASSY.
	0353-00903-0000	DECORATIVE OVERLAY
	0353-00107-0100	CONTROL SHELF MTG. BRKT. - RIGHT
	0353-00107-0200	CONTROL SHELF MTG. BRKT. - LEFT
	0555-00901-0000	PLASTIC LOCATING PIN (4 REQ'D.)
	0017-00009-0534	BASSICK CLAMP (3 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT. HEX HD. SCR. (10 REQ'D.)
	0353-00906-0000	CONTROL SHELF STRAP
11	A353-00015-0000	CONTROL ASSEMBLY
	A353-00006-0000	CONTROL SHELF CABLE ASSY.
12	0017-00042-0260	PUSH BUTTON ASSY. - WHITE (2 REQ'D.)
13	0017-00042-0257	PUSH BUTTON ASSY. - YELLOW (2 REQ'D.)
	0017-00032-0093	PUSH BUTTON SWITCH W/HOLDER (4 REQ'D.)
	0017-00103-0054	5/8-11 PAL NUT (4 REQ'D.)
14	0A29-00902-0200	DECAL-LEFT SIDE
	0A29-00902-0100	DECAL - RIGHT SIDE (NOT SEEN)
15	0A29-00906-0000	FRONT DECAL - KIT
16	A090-00300-11BK	U.S.A. 25¢ DOUBLE COIN DOOR ASSY.
	A982-00015-0000	COIN DOOR CABLE ASSY.
17	0090-00002-04BK	LARGE COIN DOOR FRAME
	0017-00101-0121	#6-32x5/16 PHIL. TRS. HD. SCR. (3 REQ'D.)
18	0935-00906-0100	KICK PLATE - 23" LG.
19	0017-00102-0048	3/8-16x2" LEG LEVELERS (4 REQ'D.)
	0017-00103-0026	3/8-16 LEG LEVELER HEX NUTS (4 REQ'D.)

NO. 0A29 - JR. PAC-MAN - UPRIGHT - REAR



NO. 0A29 - JR. PAC-MAN - UPRIGHT - REAR - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A353-00011-0000	HEADER ASSY.
2	0353-00110-0000	HEADER SUPPORT BRACE
3	0353-00102-0000	SUPPORT ARM BRACKET
4	0017-00009-0545	SUPPORT HINGE (2 REQ'D.)
5	0353-00109-0000	POSITIONING BRKT.
6	0017-00101-0138	#8x $\frac{5}{8}$ TORX TAMPER RESISTANT SCR. (22 REQ'D.)
7	0017-00101-0149	#10x1 $\frac{3}{8}$ TORX TAMPER RESISTANT SCR. (2 REQ'D.)
	0017-00104-0011	#10 EXT. STAR WASHER (2 REQ'D.)
	0017-00104-0039	#10 FLAT WASHER (2 REQ'D.)
8	A945-00038-0000	ON-OFF SWITCH & PLATE ASSY.
9	0894-00916-0000	PLASTIC PULL & VENT (2 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT. HEX HD. M.S. (8 REQ'D.)
10	0017-00003-0339	ELECTROHOME - 19" COLOR DUAL SYNC. HORIZ. MTG. MONITOR (OR)
11	0017-00003-0439	WELLS-GARDNER - 19" COLOR DUAL SYNC. HORIZ. MTG. MONITOR (OR)
12	0017-00003-0454	ZENITH - 19" COLOR DUAL SYNC. HORIZ. MTG. MONITOR
13	0349-00101-0000	MONITOR RAIL (2 REQ'D.)
	0555-00901-0000	PLASTIC LOCATING PIN (4 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (8 REQ'D.)
14	0349-00100-0000	MONITOR MTG. ANGLE BRKT. (2 REQ'D.)
	0017-00101-0144	#10-24x $\frac{5}{8}$ SLT. HEX W/WASHER SCR. (4 REQ'D.)
	0017-00101-0082	#10x $\frac{3}{4}$ UNSLOT HEX HD. BOLT (4 REQ'D.)
	0017-00104-0011	#10 EXT. WASHER (4 REQ'D.)
15	0508-00900-0000	19" T.V. BEZEL
	0508-00106-0000	BEZEL MTG. BRKT.
16	0508-00108-0000	GLASS STOP BRKT.
	0017-00101-0027	#8x $\frac{3}{4}$ SLT. HEX HD. M.S. (3 REQ'D.)
17	0017-00003-0259	6"x9" SPEAKER - 8 OHM, 8W.
18	A088-00016-0000	INTELOCK SWITCH & SPRING BRKT. ASSY.
19	AA29-00006-0000	CARD RACK ASSY. W/BOARDS
20	A082-90427-A000	POWER SUPPLY P.C.B. ASSY. - 70VA.
	0624-00902-0100	P.C. SUPPORT BRKT. - 12" LG. (2 REQ'D.)
	0624-00902-0500	P.C. SUPPORT BRKT. - 6 $\frac{1}{2}$ " LG. (2 REQ'D.)
	0317-00102-0000	P.C. MTG. BRACE BRKT. (4 REQ'D.)
	0017-00101-0141	#8x11/16 UNSLOT HEX HD. M.S. (10 REQ'D.)
	0017-00104-0037	#8 FLAT WASHER (10 REQ'D.)
21	A945-00036-0002	POWER CHASSIS ASSY. - 70VA., 115V.
22	A961-00007-0000	CASTER ASSEMBLY (2 REQ'D.)
	0961-00109-0000	WHEEL BRKT. (2 REQ'D.)
	0017-00042-0255	PLASTIC WHEEL (2 REQ'D.)
	0894-00702-00XF	SHAFT (2 REQ'D.)
	0017-00100-0037	$\frac{3}{8}$ " E-RING (2 REQ'D.)
23	A945-00019-0000	LINE CORD ASSY.

NO. 0A29 - JR. PAC-MAN - UPRIGHT - REAR - PARTS LIST*ORDER BY PART NUMBER ONLY*

ITEM	PART NO.	DESCRIPTION
		ADDITIONAL PARTS LIST
	A950-00004-0000	COIN BOX ASSEMBLY
	A950-00006-0100	WIRE COIN BOX CRADLE ASSY.
	0950-00105-0000	COIN BOX COVER
	0950-00104-0000	COIN BOX HANDLE
	0950-00101-0000	COIN DEFLECTOR (2 REQ'D.)
	0950-00900-0000	LARGE PLASTIC COIN BOX
	A097-00009-0000	BACK DOOR LOCK ASSY.
	0017-00009-0490	5% SQR. VENT GRILL (4 REQ'D.)
	A353-00008-0000	MASTER CABLE W/BRKT. ASSY.
	A353-00010-0000	HIGH VOLTAGE CABLE ASSY.
	A316-00010-0000	LOW VOLTAGE CABLE ASSY.
	A508-00034-0000	AUDIO ADAPTOR CABLE ASSY.
	A508-00035-0000	VIDEO ADAPTOR CABLE ASSY.
	A508-00024-0000	SIGNAL CABLE ASSY.

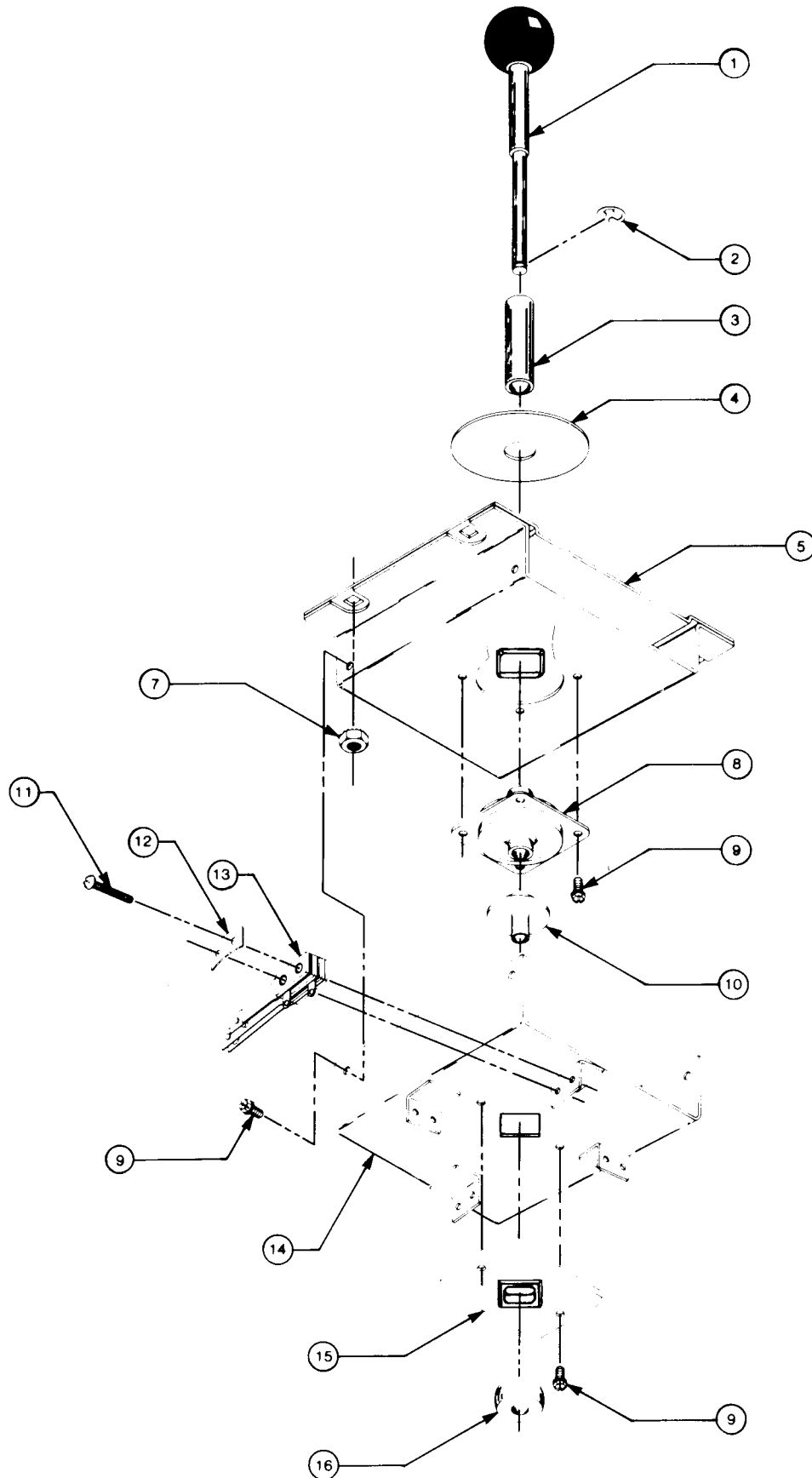
PAC-MAN/MS. PAC-MAN TO JR. PAC-MAN - PARTS LIST*ORDER BY PART NUMBER ONLY*

ITEM	PART NO.	DESCRIPTION
	0A29-00901-00XF	HEADER
	0A29-00908-00XF	HEADER - KIT
	0A29-00906-0000	FRONT DECAL - KIT
	0A29-00907-0000	CONTROL SHELF OVERLAY - KIT

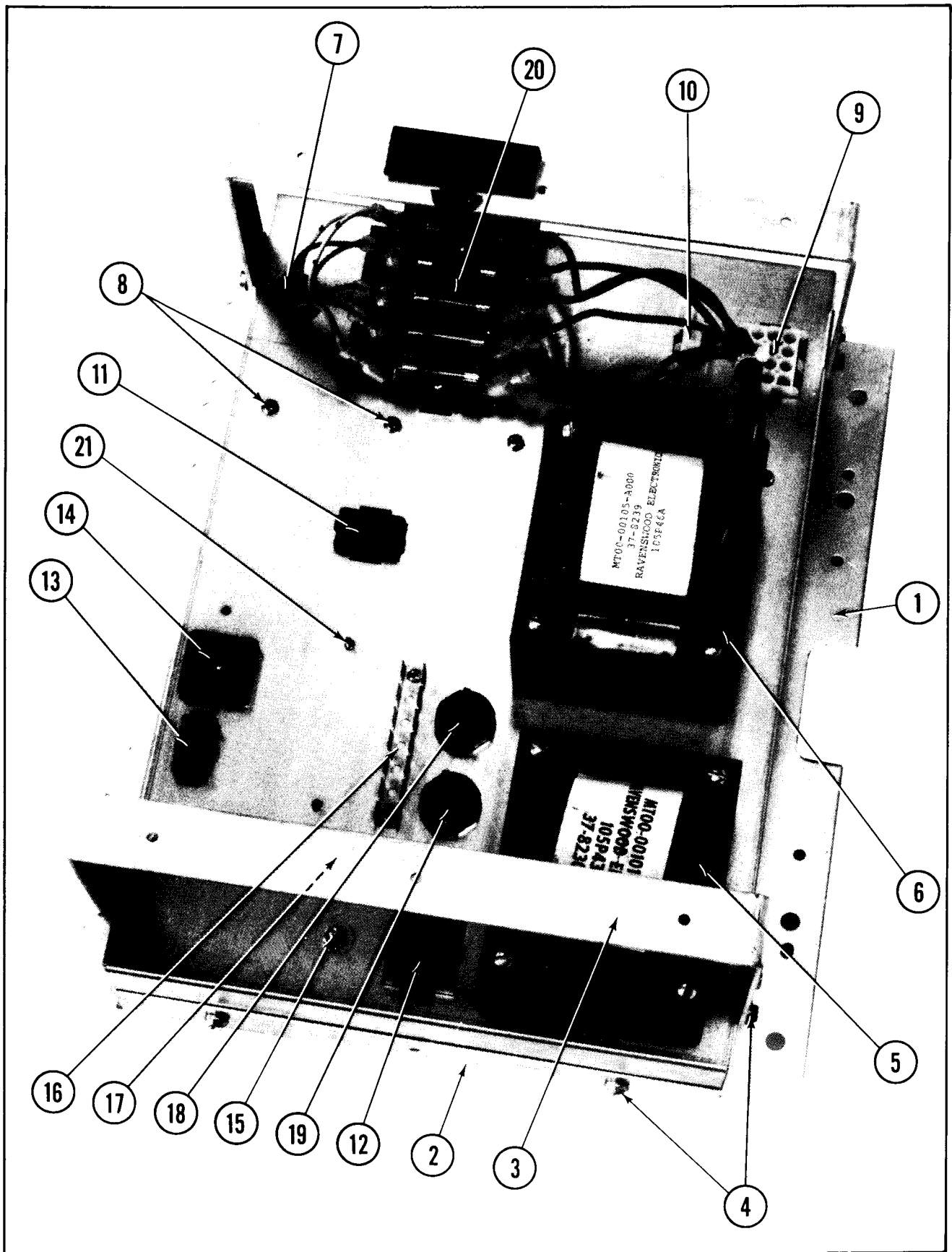
NO. 0A29 - JR. PAC-MAN - CONTROL ASSY. - PARTS LIST*ORDER BY PART NUMBER ONLY*

ITEM	PART NO.	DESCRIPTION
1	A932-00022-0000	BALL & SHAFT ASSEMBLY
2	0017-00100-0025	1/4 E-RING
3	0921-00702-0000	STOP SPACER
4	0921-00902-0000	SLIDE PLATE
5	A982-00019-0000	PIVOT PLATE WELD ASSY.
7	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
8	0932-00902-0000	GROMMET
9	0017-00101-0598	#8-32 x 5/16 SLT. HEX HD. M.S. (10 REQ'D.)
10	0962-00904-0000	SLEEVE
11	0017-00101-0527	#5-40 x 5/8 SLT. RND. HD. SCR. (8 REQ'D.)
12	0020-00202-0000	SWITCH PLATE (4 REQ'D.)
13	A932-00009-0000	SWITCH ASSEMBLY (4 REQ'D.)
14	A316-00019-0000	STOP PLATE & SWITCH BRKT. ASSY.
15	0932-00905-0000	WEAR PLATE
16	0921-00700-0000	ACTUATOR

NO. 0A29 - JR. PAC-MAN - CONTROL ASSY.



NO. 0A29 - JR. PAC-MAN - POWER CHASSIS ASSY. - 70VA, 115V.

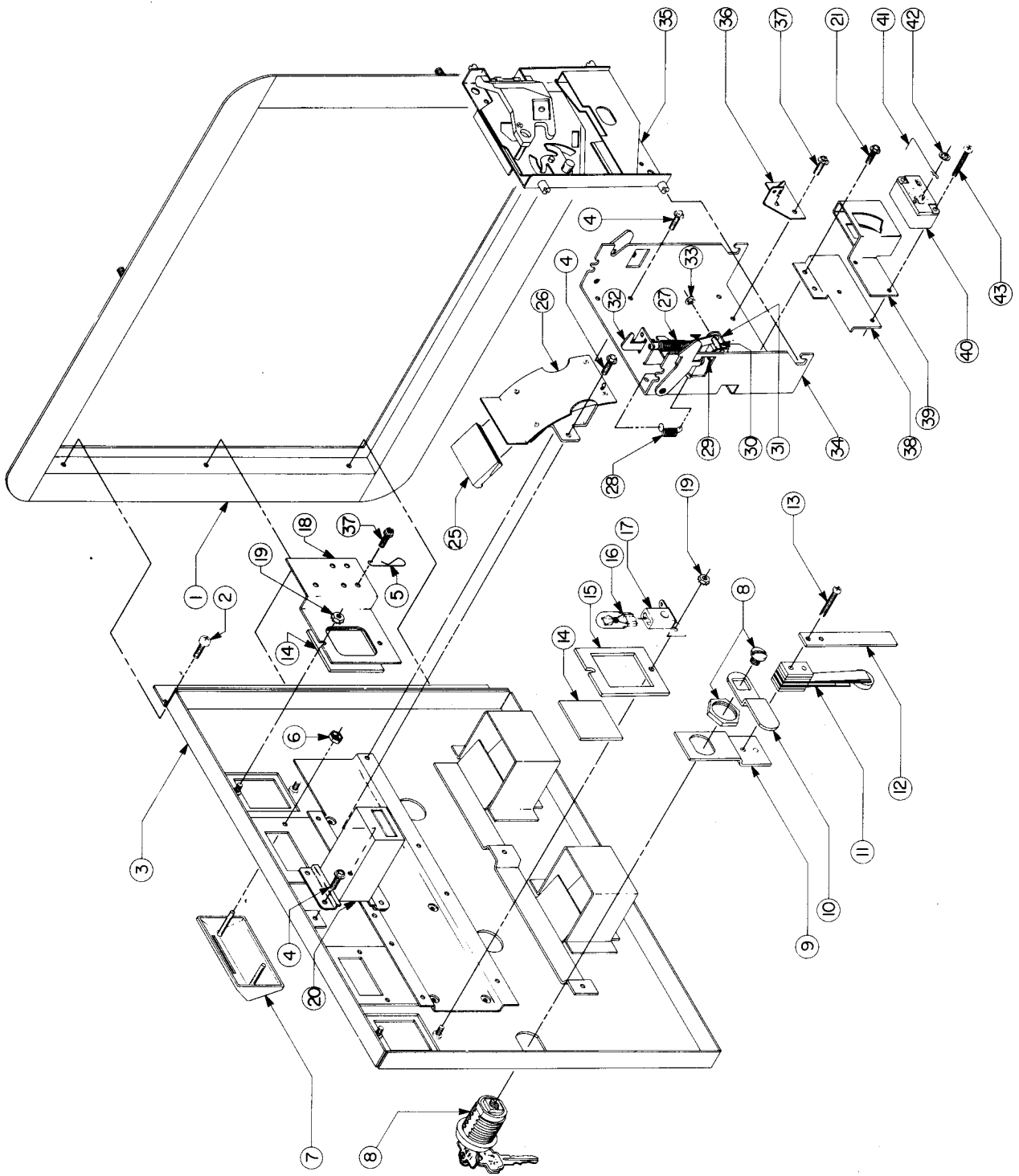


NO. 0A29 - JR. PAC-MAN - POWER CHASSIS ASSY. - 70VA, 115V. - PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	A945-00045-00XF	CHASSIS & PARTITION ASSY.
2	A945-00029-0100	MTG. PLATE & BARRIER ASSY.
3	0945-00107-01XF	STRAP (2 REQ'D.)
4	0017-00101-0123	#8 x 1/4 UNSLOT. HD. SCR. (12 REQ'D.)
5	MT00-00101-B000	ISOLATION TRANSFORMER W/O SHIELD ASSY. — 115 V., 50/60 HZ. (UPRIGHT ONLY)
5	MT00-00102-B000	ISOLATION TRANSFORMER W/SHIELD ASSY. — 115V., 50/60 HZ. (COCKTAIL ONLY)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
6	MT00-00105-A000	POWER TRANSFORMER W/O SHIELD — 70VA, 115V. (UPRIGHT ONLY)
6	MT000-00105-B000	POWER TRANSFORMER W/SHIELD — 70VA, 115V. (COCKTAIL ONLY)
	0017-00103-0061	#8-32 HEX NUT W/SEMS (4 REQ'D.)
7	0945-00902-0000	SNAP BRUSHING (3 REQ'D.)
8	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCR. (11 REQ'D.)
9	A945-00030-0400	CONNECTOR & CABLE ASSY.
10	0017-00021-0297	2 POSITION CONNECTOR
11	A945-00030-0300	CONNECTOR & CABLE ASSY.
12	A945-00030-0500	CONNECTOR & CABLE ASSY.
13	A945-00030-0200	CONNECTOR & CABLE ASSY.
14	A945-00021-0000	CONVENIENCE OUTLET ASSY.
15	0017-00101-0573	#6-32 x 1/2 PHIL. RND HD. SCR. (2 REQ'D.)
	0017-00103-0084	#6-32 HEX NUT W/SEMS (2 REQ'D.)
	A945-00025-0000	FILTER ASSY. — 125V. — UNDER CHASSIS (NOT SEEN)
16	0017-00021-0510	TERMINAL STRIP
	0017-00101-0140	#4-40 x 5/16 PHIL. PAN HD. SCR. (2 REQ'D.)
17	0017-00101-0660	#10-32 x 3/4 SLT. PAN HD. SCREW (NOT SEEN)
	0017-00104-0107	#10 FLAT WASHER
	0017-00103-0081	#10-32 HEX NUT W/SEMS
18	0017-00003-0263	SLO-BLO FUSE — 4A., 250V.
19	0017-00003-0005	FUSE — 2A., 250V.
	0017-00003-0444	FUSE HOLDER — QUICK CONN. (2 REQ'D.) — FOR ABOVE FUSES
20	0945-00904-0000	5 POSITION FUSE HOLDER
	0945-00908-0000	FUSE BLOCK INSULATOR
	0017-00003-0217	SLO-BLO FUSE — 2.5A., 250V. (2 REQ'D.)
	0017-00003-0321	SLO-BLO FUSE — 5A., 250V. (2 REQ'D.)
	0017-00003-0263	SLO-BLO FUSE — 4A., 250V.
	0945-00903-0000	FUSE HOLDER BARRIER
	0017-00101-0067	#6 x 3/8 PHIL. PAN HD. SCREW (2 REQ'D.)
21	0017-00101-0780	#6 x 1/2 PHIL. PAN HD. SCREW (2 REQ'D.)
	0017-00021-0629	5 POSITION TERMINAL STRIP (UNDER CHASSIS)
	A945-00019-0000	LINE CORD ASSY. — 115V. (NOT SHOWN)
	A945-00033-0000	MAGNETIC SHIELD & LABEL ASSY. (NOT SHOWN)

FRONT DOOR ASSEMBLY — U.S.A. 25¢

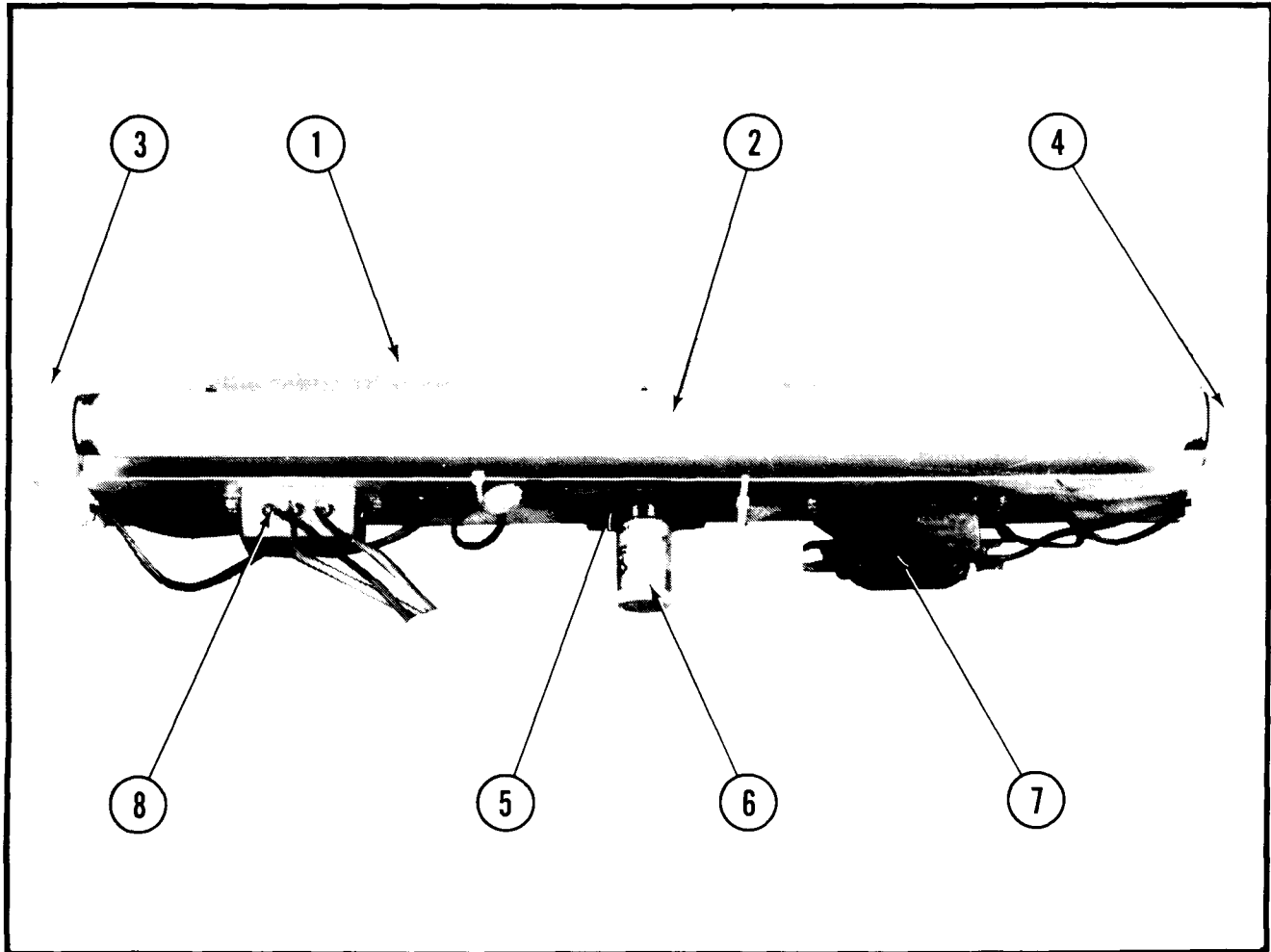


FRONT DOOR ASSEMBLY — U.S.A. 25¢ — PARTS LIST

ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0090-00002-04BK	DOUBLE ENTRY COIN DOOR FRAME
2	0017-00101-0121	#6-32 x 5/16 PHIL. TRS. HD. SCR. (3 REQ'D.)
3	A090-00073-02BK	DOUBLE ENTRY COIN DOOR W/DRESS PLATE
4	0017-00101-0123	#8 x 1/4 UNSLOT. HEX HD. SCREW (12 REQ'D.)
5	0017-00007-0019	KEY HOOK
6	0017-00103-0059	PUSH NUT (4 REQ'D.)
7	0090-00912-0000	COIN ENTRY PLATE — 25¢ (2 REQ'D.)
8	A097-00005-0000	DOOR LOCK & KEY W/SCREW & NUT (OR)
8	A097-00006-0000	DOOR LOCK & KEY W/SCREW & NUT
9	0090-00128-00XF	DOOR TILT SWITCH BRKT.
10	0017-00005-0225	DOOR CAM
11	A090-00095-0000	DOOR TILT SWITCH
12	0090-00126-03XF	SWITCH BACK-UP PLATE
13	0017-00101-0525	#5-40 x 9/16" PHIL. HD. M.S. (2 REQ'D.)
	A090-00096-0000	DOOR TILT SWITCH & BRKT. ASSY. (ITEMS 9 & 11 THRU 13)
14	0090-00903-9500	25¢ WINDOW (2 REQ'D.)
15	0090-00143-00XF	COIN PLEX RETAINER
16	0017-00003-0219	12 VOLT LAMP — G.E. #194 (2 REQ'D.)
17	0017-00031-0048	WEDGE SOCKET W/BRKT. (2 REQ'D.)
18	A090-00100-0000	BRKT. ASSY.
19	0017-00103-0084	#6-32 HEX NUT W/SEMS (4 REQ'D.)
20	A090-00089-0000	COIN METER W/DIODE
21	0017-00101-0124	#6 x 1/4 UNSLOT. HEX HD. SCR. (4 REQ'D.)
25	0090-00911-0000	INSULATOR (2 REQ'D.)
26	A090-00112-0000	COIN CHUTE & TOP ASSY. (2 REQ'D.)
27	0010-00134-0000	SPRING
28	0010-00181-0000	SPRING
29	0017-00007-0083	1/8 x 1-5/8 ROLL PIN
30	0090-00129-00XF	PIVOT POST
31	0090-00167-00XF	PIVOT LEVER
32	0090-00182-00XF	REJECT LEVER
33	0017-00100-0018	E-RING
	A090-00088-0000	REJECT LEVER ASSY. (2 REQ'D.) (ITEMS 30 THRU 33)
34	A090-00105-0000	COIN ACCEPTOR FRAME ASSY. (2 REQ'D.)
35	0017-00005-0003	COIN ACCEPTOR W/STRING CUTTER (2 REQ'D.) (OR)
35	0017-00005-0211	COIN ACCEPTOR W/ANTI STRING DEVICE (2 REQ'D.) (OR)
35	0017-00005-0214	COIN ACCEPTOR W/STRING CUTTER (2 REQ'D.)
36	A090-00064-0000	ANTI-PENNY DEVICE
37	0017-00101-0099	#6 x 1/4 SLT. HEX HD. M.S. (2 REQ'D.)
38	0090-00162-00XF	COIN SWITCH MTG. BRKT.
39	0017-00005-0203	COIN SWITCH CHUTE
40	0017-00005-0195	COIN SWITCH
41	0010-00599-0000	COIN SWITCH WIRE
42	0017-00007-0015	PUSH-ON RING
	A090-00059-0400	COIN SWITCH & WIRE ASSY. (ITEMS 40 THRU 42)
43	0017-00101-0147	#4-40 x 3/4 PHIL. PAN. HD. M.S. (2 REQ'D.)
	A090-00077-0000	COIN GUIDE & SWITCH ASSY. (ITEMS 38 THRU 43)

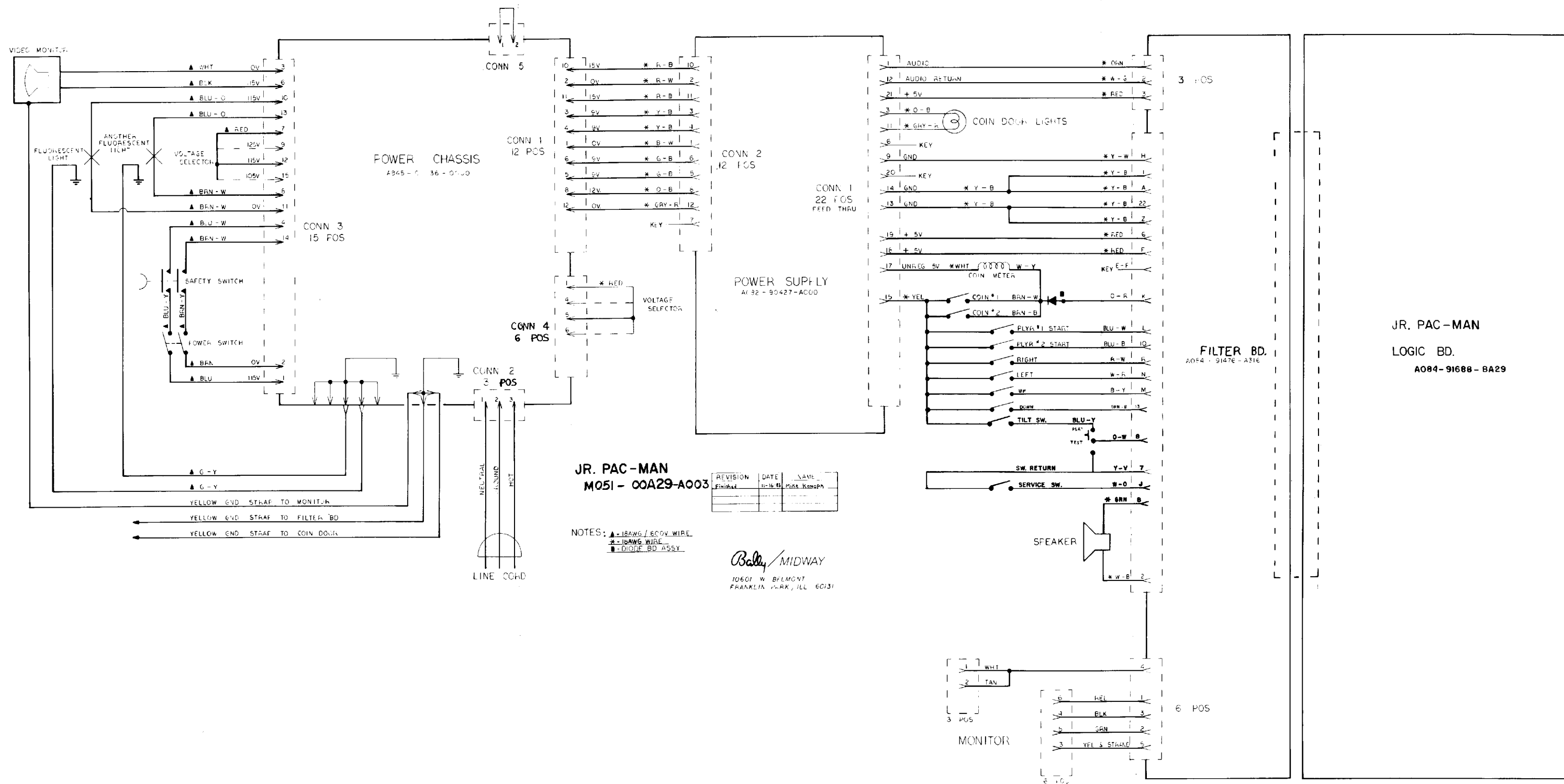
NO. 0A29 - JR. PAC-MAN - HEADER FLUORSECENT LIGHT ASSY.

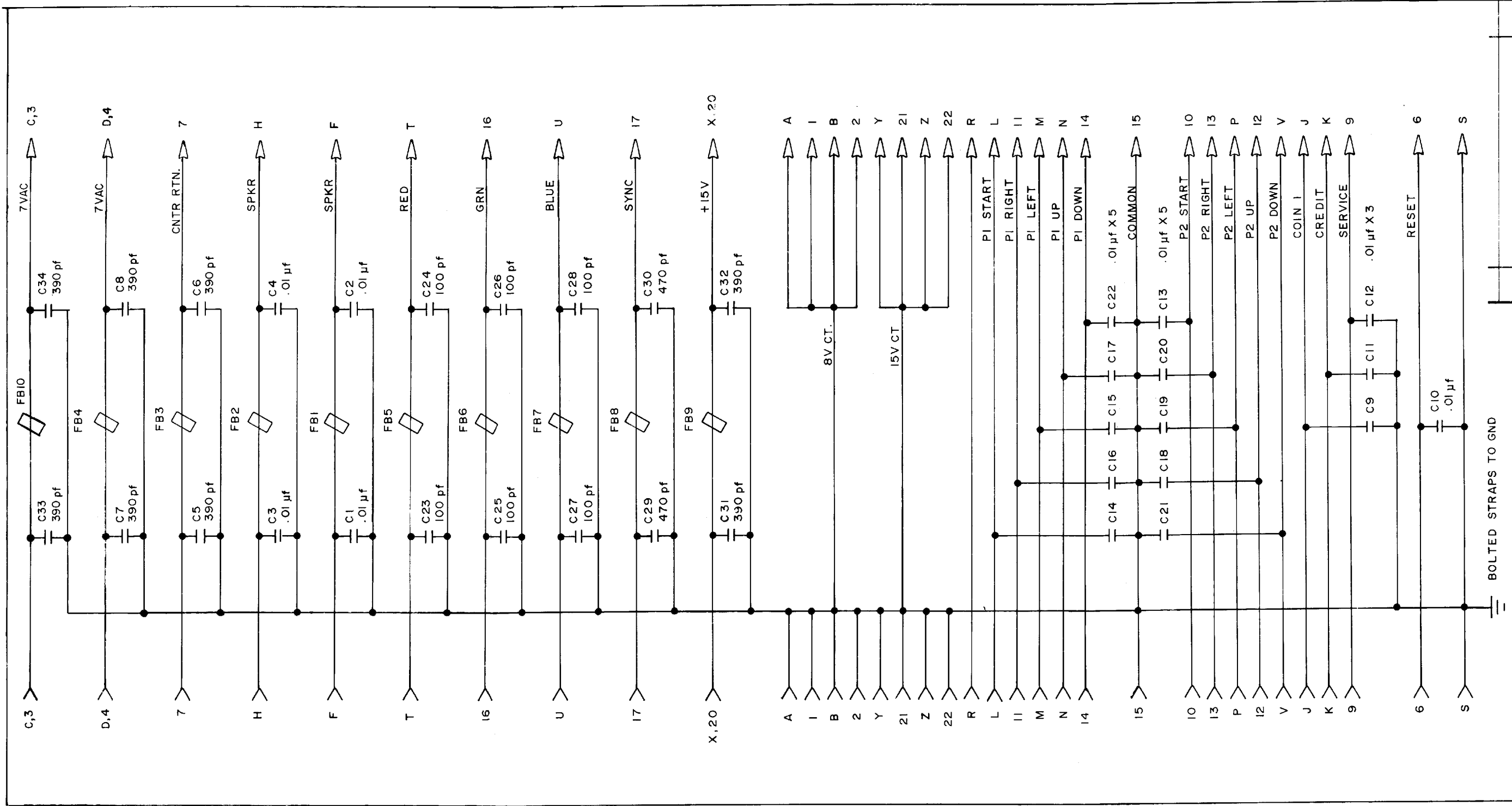


NO. 0A29 - JR. PAC-MAN - HEADER FLUORSECENT LIGHT ASSY. - PARTS LIST

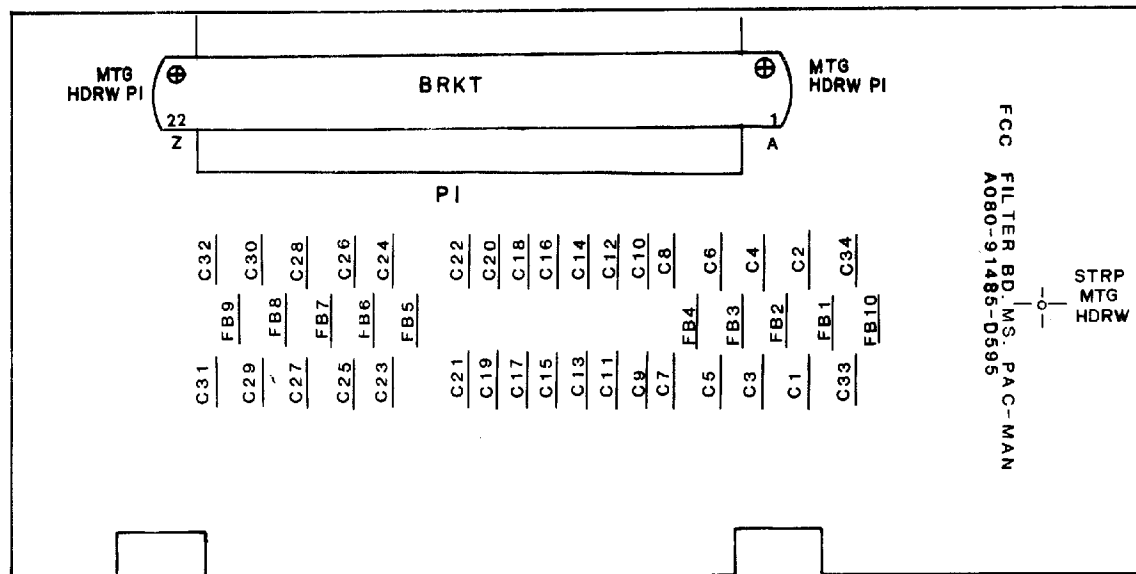
ORDER BY PART NUMBER ONLY

ITEM	PART NO.	DESCRIPTION
1	0353-00113-0000	FLUORESCENT BRKT.
2	0017-00003-0043	18" COOL WHITE FLUORESCENT LAMP
3	0017-00003-0445	LAMP LOCKS (2 REQ'D.)
4	0017-00031-0036	FLUORESCENT SOCKET (2 REQ'D.)
5	0017-00003-0412	FLUORESCENT STARTER HOLDER W/LEADS
	0017-00101-0573	#6-32 x 1/2 PHIL. RND. HD. M.S. (4 REQ'D.)
	0017-00104-0009	#6 EXT. WASHER (4 REQ'D.)
6	0017-00003-0019	FLUORESCENT STARTER
7	0017-00003-0026	BALLAST
	0017-00101-0598	#8-32 x 5/16 SLT. HEX HD. SCR. (4 REQ'D.)
8	A961-00042-0000	LINE FILTER ASSY.





PROJECT ENG: J. SZERSZEN		USED ON JR. PACMAN		REVISIONS	
DO NOT SCALE DWG		SCALE FULL		NO REVD 1 PER	
DIM TOLERANCES UNLESS SPECIFIED		FCC FILTER BD, MS. PACMAN SCHEMATIC DWG.		PART NO M051 - 00595 - D017	
ORIGIN: <i>JB</i>		A084-91485-D595		MIDWAY MFG. CO.	
CHECKED: <i>JB</i>		DATE 12/08/83		FRANKLIN, PA	
APPROVED: <i>JB</i>		DATE 12/08/83		FRANKLIN, PA	



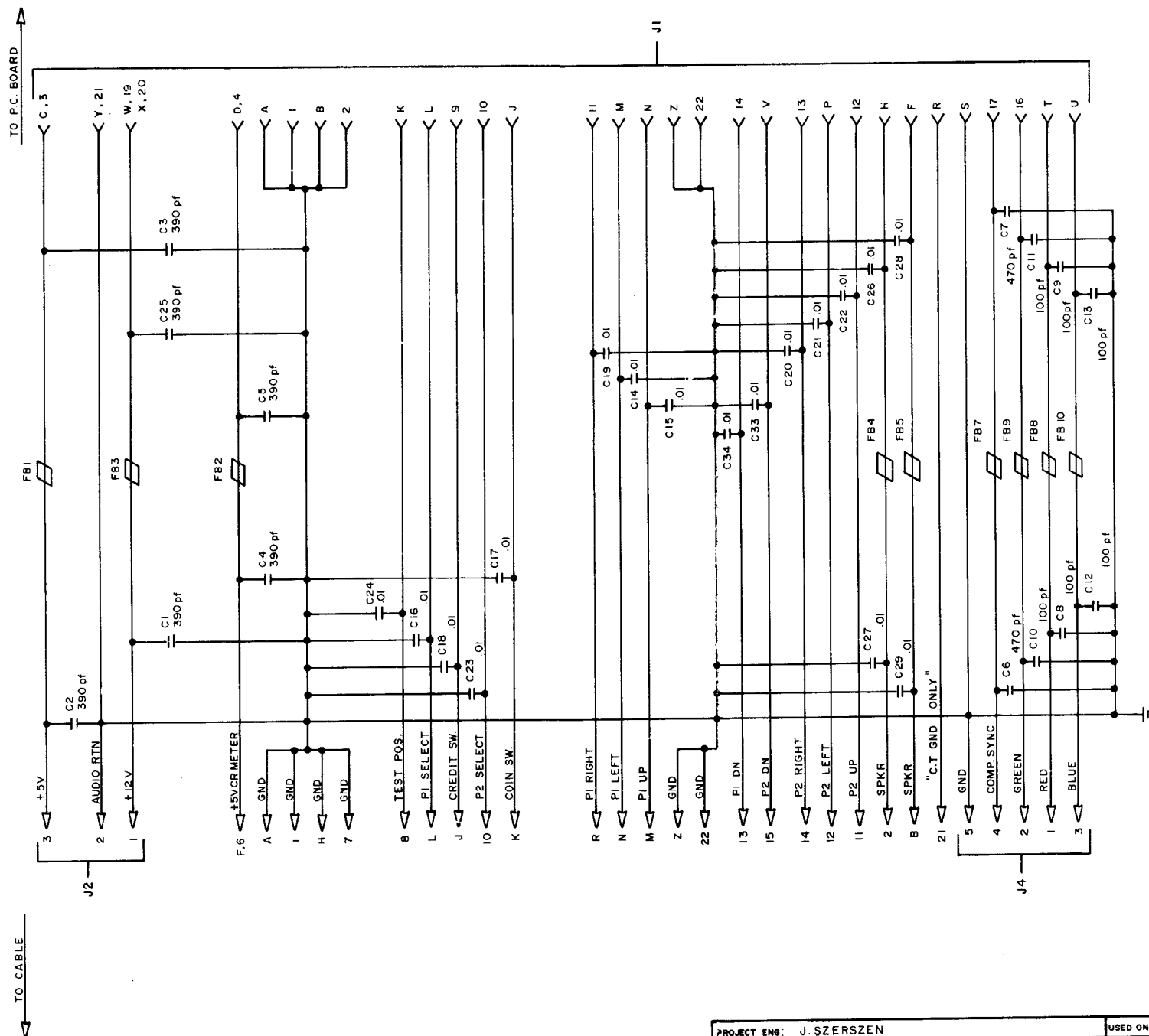
DESIGNATION LIST

CROSS REFERENCE LIST

DESIGNATION	DESCRIPTION	DESCRIPTION	QTY	DESIGNATION	PART NO.
C1-C4	.01 μ f 25V AX.CER.	100 pf 50V AX.CER.	6	C23-C28	0789-00800-1800
C5-C8	390 pf 50V " "	390 pf 50V " "	8	C5-C8, C31-C34	0316-00800-0002
C9-C22	.01 μ f 25V " "	470 pf 50V " "	2	C29, C30	0932-00813-0100
C23-C28	100 pf 50V " "	.01 μ f 25V " "	18	C1-C4, C9-C22,	0A29-00800-0003
C29, C30	470 pf 50V " "	FERRITE BEAD W/LEAD	10	FB1-FB10	0316-00804-0002
C31-C34	390 pf 50V " "	22 PIN EDGE CONN.	1	PI	0017-00021-0418
FB1-FB10	FERRITE BEAD W/LEAD	P.C. EDGE CONN KEY	2	"	0017-00021-0396
PI	22 PIN EDGE CONN.	8-32 X 5 SLT PAN	1	STRAP MTG HDRW	0017-00101-0595
"	P.C. EDGE CONN KEY	8-32 HEX NUT	1	" " "	0017-00103-0008
STRAP MTG HDRW	8-32 X 5 SLT PAN	6-32 X 10 PHL PAN	2	MTG HDRW PI	0017-00101-0763
" " "	8-32 HEX NUT	6 145-.250-032	2	" " "	0017-00104-0002
MTG HDRW PI	6-32 X 10 PHL PAN	SPLT WSHR	1	BRKT	0866-00118-00XF
" " "	6 145-.250-032 SPLT WSHR	BRACKET	1		A080-91485-D595
BRKT	BRACKET FOR CONN.	FCC FILTER BD	1		
A080-91485-D595	FCC FILTER BD				

REVISIONS

PROJECT ENG. J. SZERSZEN		USED ON JR. PACMAN		Bally / MIDWAY MFG. CO. FRANKLIN PK. ILL.
DO NOT SCALE DWG.		NO. REQ'D 1 PER		
DIM. TOLERANCES UNLESS SPECIFIED		HEAT TREAT	SCALE FULL	PART NO. M051-00595-D016
CONCENTRICITY TYP. .005 FRACTIONAL 1/64 DECIMAL .005 HOLE DIA. +.002 .000		DRAWN T.B.D.	FCC FILTER BD, MS. PACMAN ASSY DWG. A084-91485-D595	
DATE 12/12/83		MAT'L.		
		FINISH		



NOTE:

ALL .01 CAPS ARE MF.

ALL CAPS AX. CER. UNLESS

NOTED OTHERWISE.

FB = FERRITE BEAD

PROJECT ENG: J. SZERSZEN

USED ON JR. PACMAN

REVISIONS

Midway / MIDWAY MFG. CO.

DO NOT SCALE

HEAT TREAT

SCALE

FULL

NO. REQ'D 1 PER

DIM TOLERANCES

UNLESS OTHERWISE

INDICATED

DATE 11/02/83

DRN 128

CRD

FINISH

SCHEMATIC DWG

JR. PACMAN INTERFACE FILTER PC

A084 - 91689 - AA29

PART NO

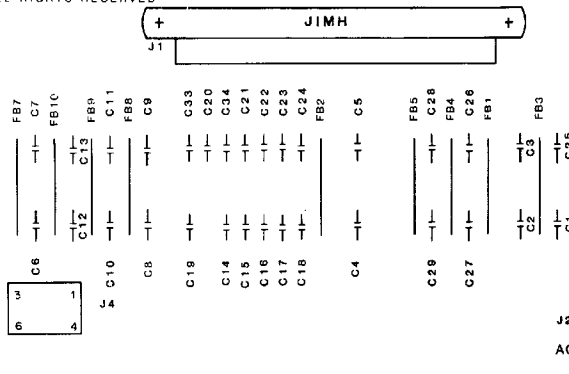
MO51 - 00A29 - A012

DESIGNATION LIST

DESIGNATION NO.	DESCRIPTION
C1-C5	390 PF 50V AX CER
C6,C7	470 PF 50V AX CER
C8-C13	100 PF 50V AX CER
C14-C24	.01 UF 50V AX CER
C25	390 PF 50V AX CER
C26-C29	.01 UF 50V AX CER
C33,C34	.01 UF 50V AX CER
FB1-FB5,FB7-FB10	FERRITE BEAD
J1	P.C. EDGE CONN.
J2	3 PIN HEADER
J4	6 PIN HEADER
J1 MH	(2) P.C. EDGE CONN. KEY
	(2) 6-32x10 SLOT PAN SCREW
	(2) WSH. 6 145-.250-.032
	(1) BRKT-CONN FIN
	(1) INSULATED GND STRAP
	(1) 8-32x5 SLOT PAN SCREW
	(1) 8-32 NUT HEX
A080-91689-AA29	INTERFACE FILTER P.C. JR PAC-MAN

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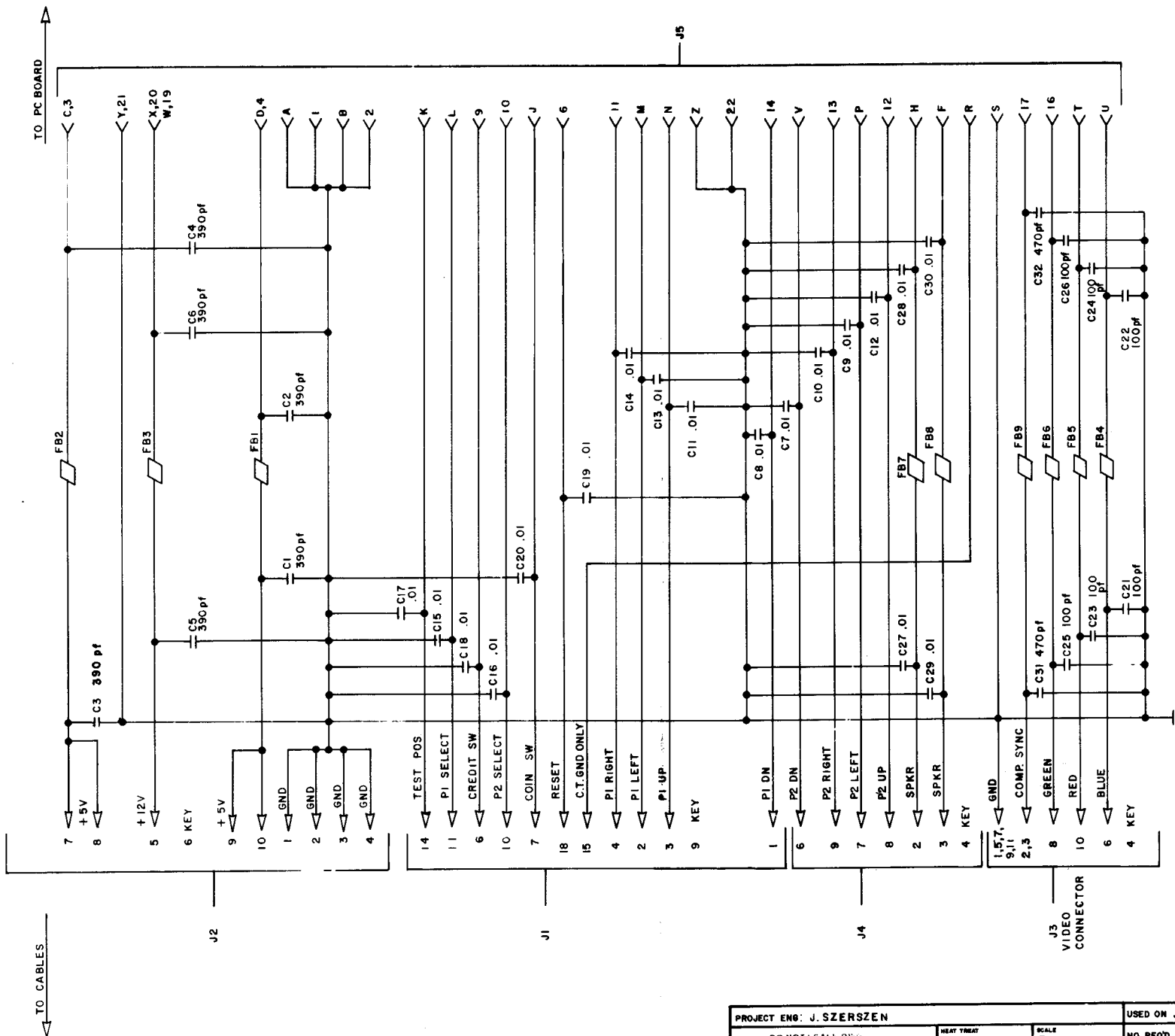
JR. PAC INTERFACE FILTER P.C.



CROSS REFERENCE LIST

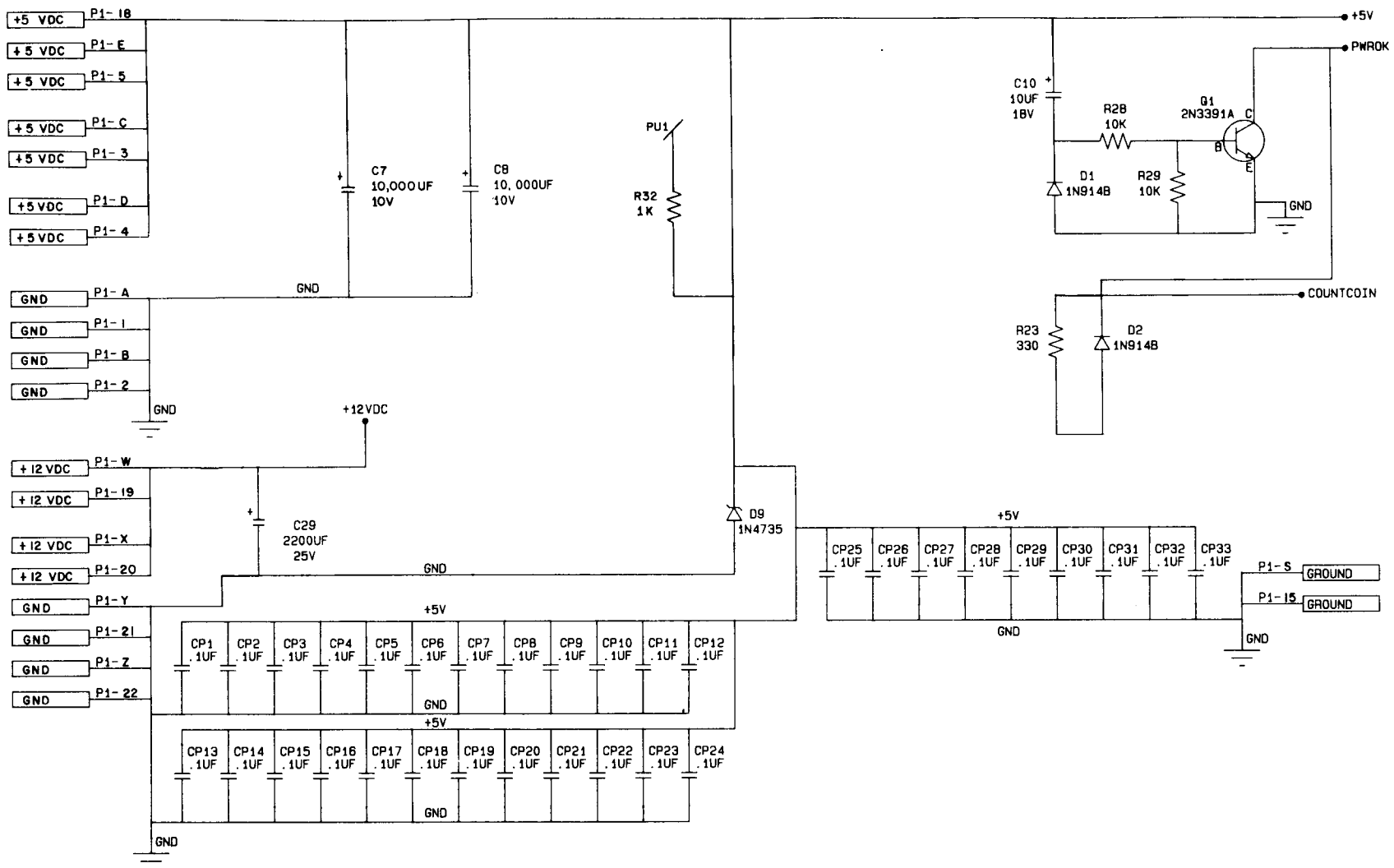
DESCRIPTION	QTY	DESIGNATION NO.	PART NOS.
100 PF 50V AX CER	6	C8-C13	0789-00800-1800
390 PF 50V AX CER	6	C1-C5,C25	0316-00800-0002
470 PF 50V AX CER	2	C6,C7	0550-00800-0200
.01 UF 50V AX CER	17	C14-C24,C26-C29,C33,C34	0A29-00800-0003
FERRITE BEAD	9	FB1-FB5,FB7-FB10	0316-00804-0002
P.C. EDGE CONN	1	J1	0017-00021-0418
3 PIN HEADER	1	J2	0017-00021-0443
6 PIN HEADER	1	J4	0017-00021-0424
P.C. EDGE CONN. KEY	2	J1 MH	0017-00021-0396
6-32x10 SLOT PAN SCREW	2	J1 MH	0017-00101-0763
WSH. 6 145-.250-.032	2	J1 MH	0017-00104-0002
BRKT-CONN FIN	1		0866-00118-00XF
INSULATED GND STRAP	1		3000-17143-0700
8-32x5 SLOT PAN SCREW	1		0017-00101-0595
8-32 NUT HEX	1		0017-00103-0008
INTERFACE FILTER P.C. JR. PAC-MAN			A080-91689-AA29

PROJECT ENG: J. SZERSZEN		USED ON JR PACMAN		Bally / MIDWAY MFG. CO.	
DO NOT SCALE		HEAT TREAT	SCALE FULL	NO. REQ'D 1 PER	
DIM TOLERANCE - UNLESS SPECIFIED		MATERIAL		PART NO.	
DATE 12/12/83		FINISH		M051 - 00A29 - A011	
A080-91689-AA29		JR PAC INTERFACE FILTER P.C. ASSEMBLY DWG		A080-91689-AA29	



NOTE:
ALL .01 CAPS ARE MF.
ALL CAPS AX.CER UNLESS
NOTED OTHERWISE
FB= FERRITE BEAD

PROJECT ENG: J. SZERSZEN		USED ON JR. PACMAN	
DO NOT SCALE DWG		NO. REQ'D 1 PER	
DIM TOLERANCES UNLESS SPECIFIED		SCALE FULL	
DRW. BAK	DATE 12/14/83	JR. PACMAN (SP) INTERFACE FILTER SCHEMATIC DWG.	
CND.		A080-91698-CA29	
PART NO. M051-00A29 -C018		REVISIONS	
FRANKLIN PK. ILL.		Baby / MIDWAY MFG. CO.	



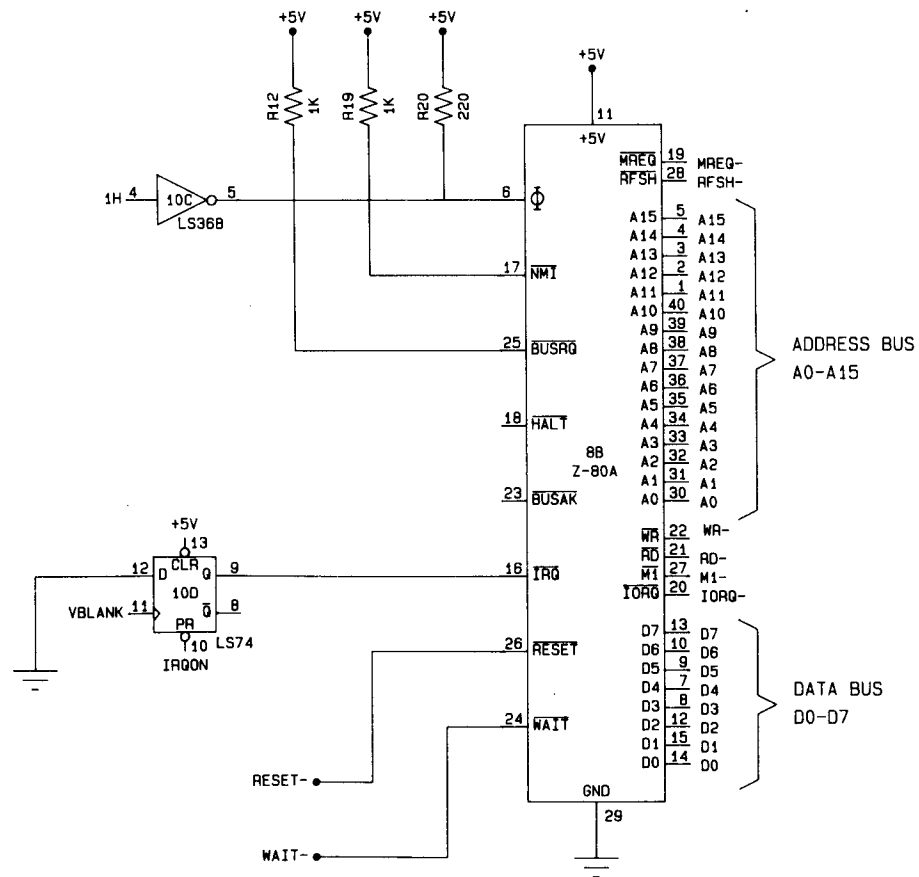
THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

DIM. TOLERANCES
UNLESS OTHERWISE SPEC.
CONCENTRICITY T.I.R. .002
FRACTIONAL ± 1/64
DECIMAL ± .005
HOLE DIA. +.002— .000
ANGLE ± 1/2°
DO NOT SCALE DWG.

FIRST USED ON: **JR. PACMAN**
DATE: **12/08/83** SCALE: **FULL**
MECH. CHA. **760** MAT. **12/08/83**
ELEC. CHK. **12/08/83** FINISH **12/08/83**

Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131
JR. PACMAN (CONVERSION)
LOGIC P.C.
A080-91688-CA29

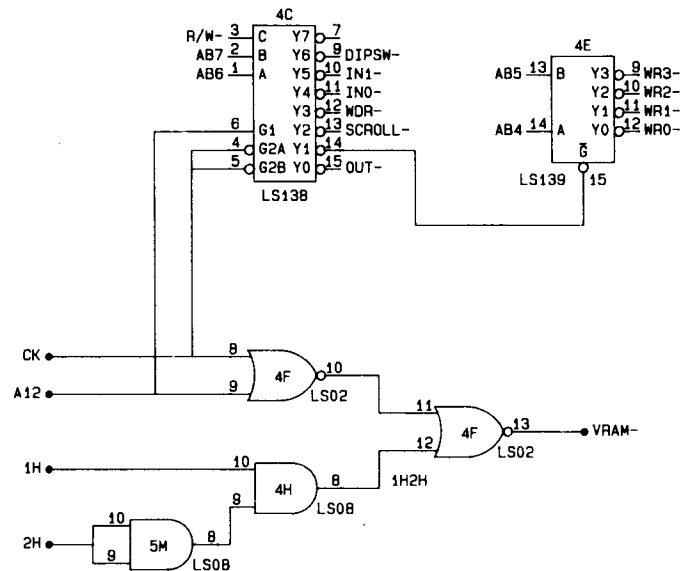
SHEET 1 OF 22
POWER/GROUND
REVISIONS
PART NO. **M-0-5-1-0-0-A-2-9-C-0-1-0**



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 2 OF 22

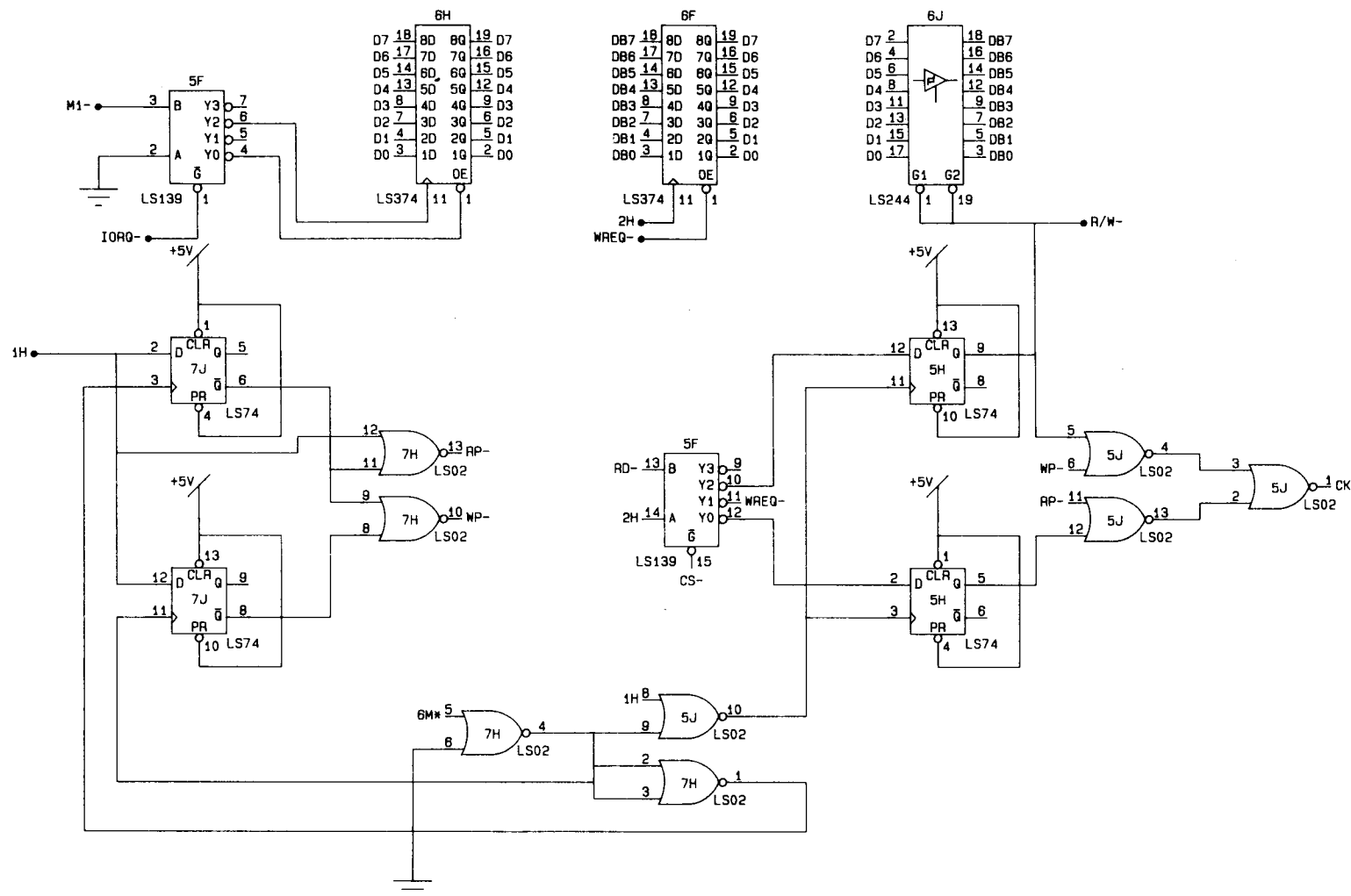
DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA +.002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	CPU REVISIONS PART NO M-0-5-1-0-0-A-2-9-C-0-1-0
	DRN	DATE	SCALE		
	MECH CHK	MATL			
	ELEC CHK	FINISH			



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 3 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. +.002- .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	ADDRESS DECODE	
	DRN TDB	DATE 12/08/83	SCALE FULL		REVISIONS	
	MECH. CHK	MAT.			PART NO	
	ELEC. CHK	FINISH			M.O. 5-1-0-0-A-2-9-C-0-1-0	



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 4 OF 22

DIM. TOLERANCES			
UNLESS OTHERWISE SPEC.			
CONCENTRICITY T.I.R.	002		
FRACTIONAL	± 1/64		
DECIMAL	± .005		
HOLE DIA.	+ .002 - .000		
ANGLE	± 1/2°		
DO NOT SCALE DWG.			

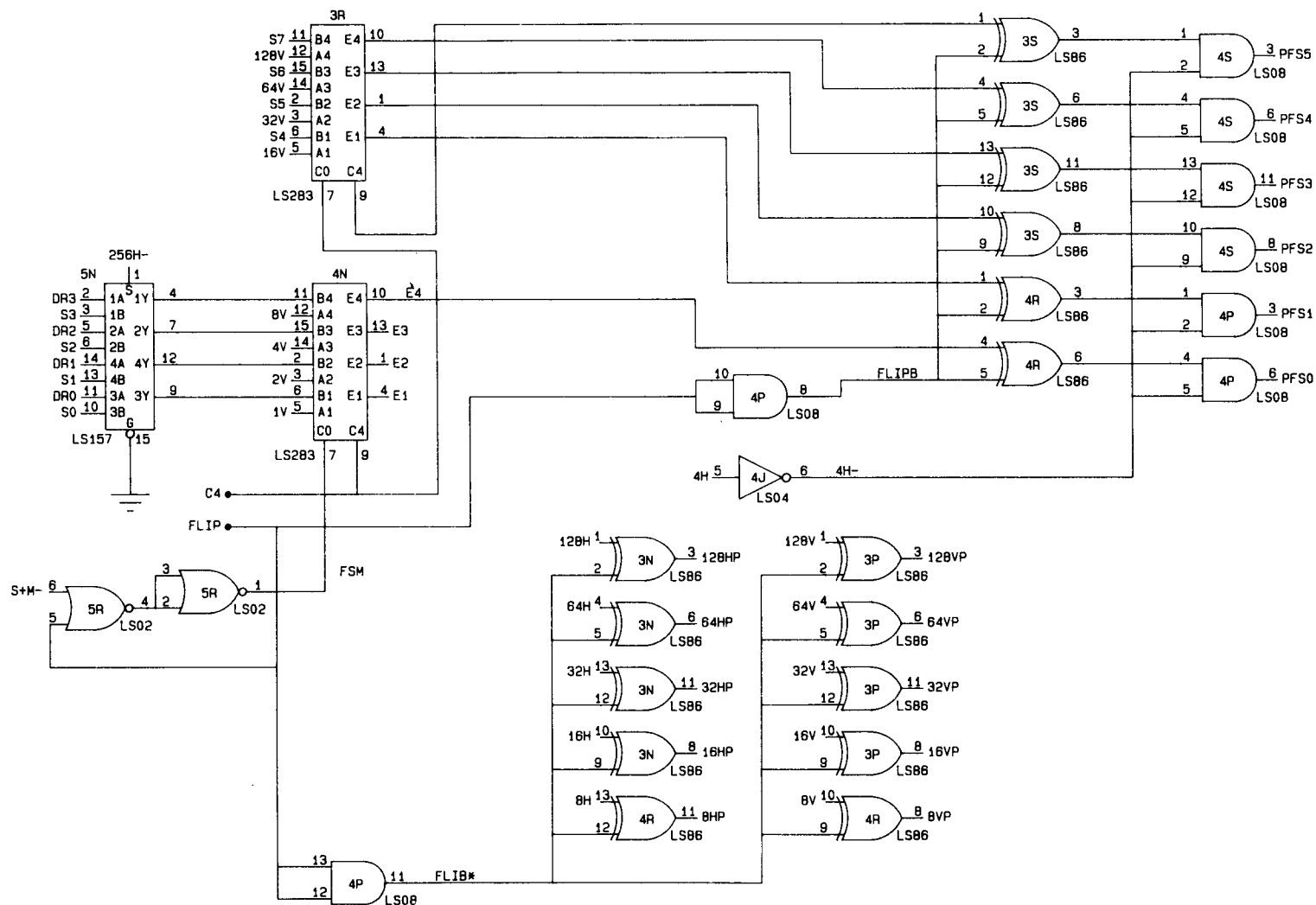
FIRST USED ON			
JR. PACMAN			
DRN	DATE	SCALE	
TBB	12/08/83	FULL	
MECH. CHK.	MAT'L		
ELEC. CHK.	FINISH		

Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131

JR. PACMAN (CONVERSION)
LOGIC P.C.
A080-91688 - CA29

SYNC BUS CONTROLLER
REVISIONS

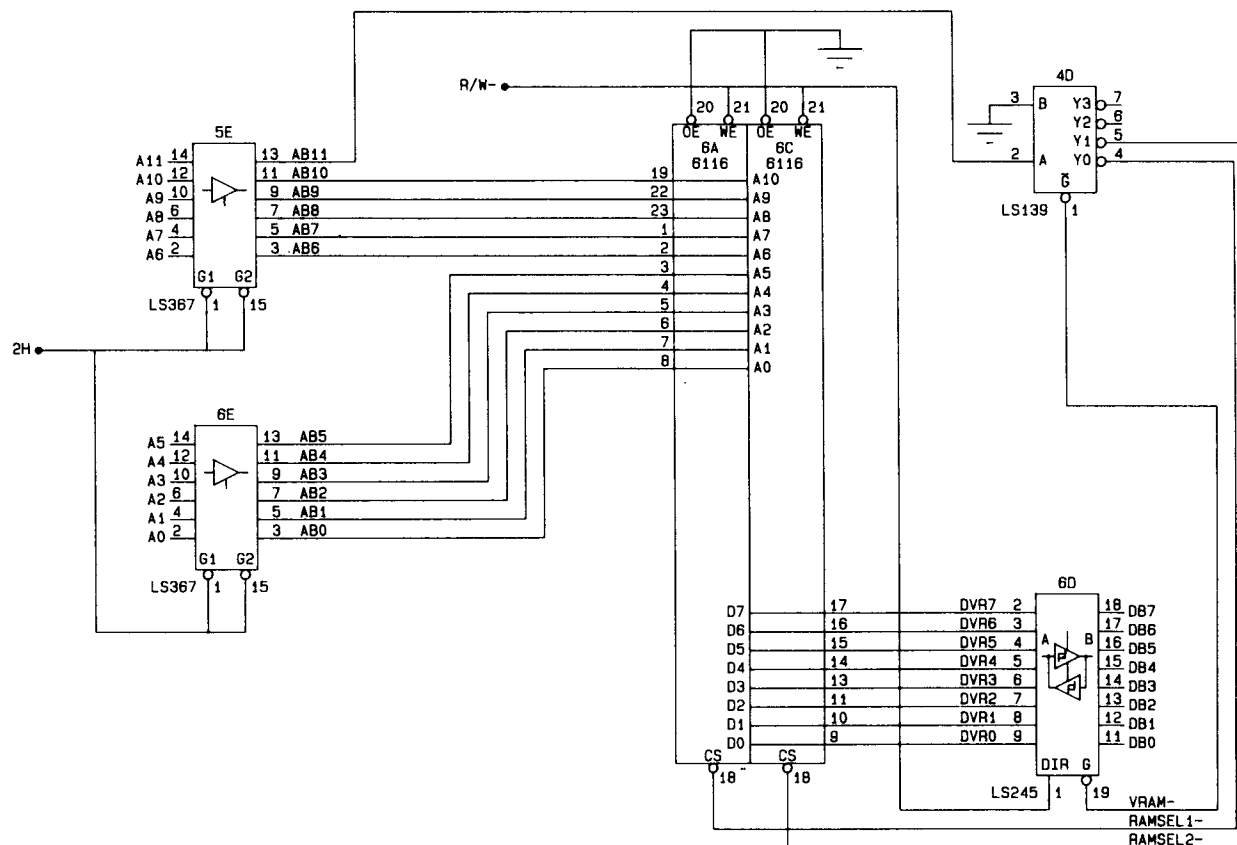
PART NO
M051-00A29-C010



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 5 OF 22

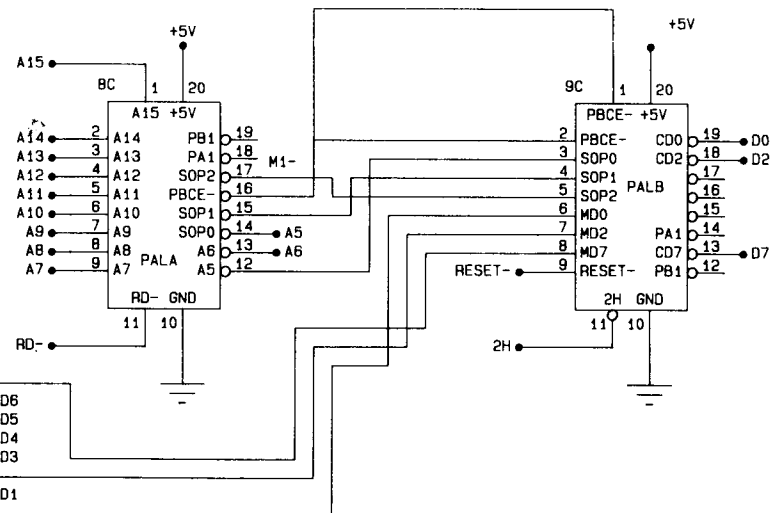
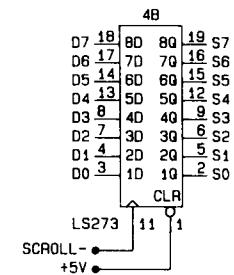
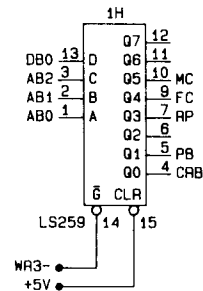
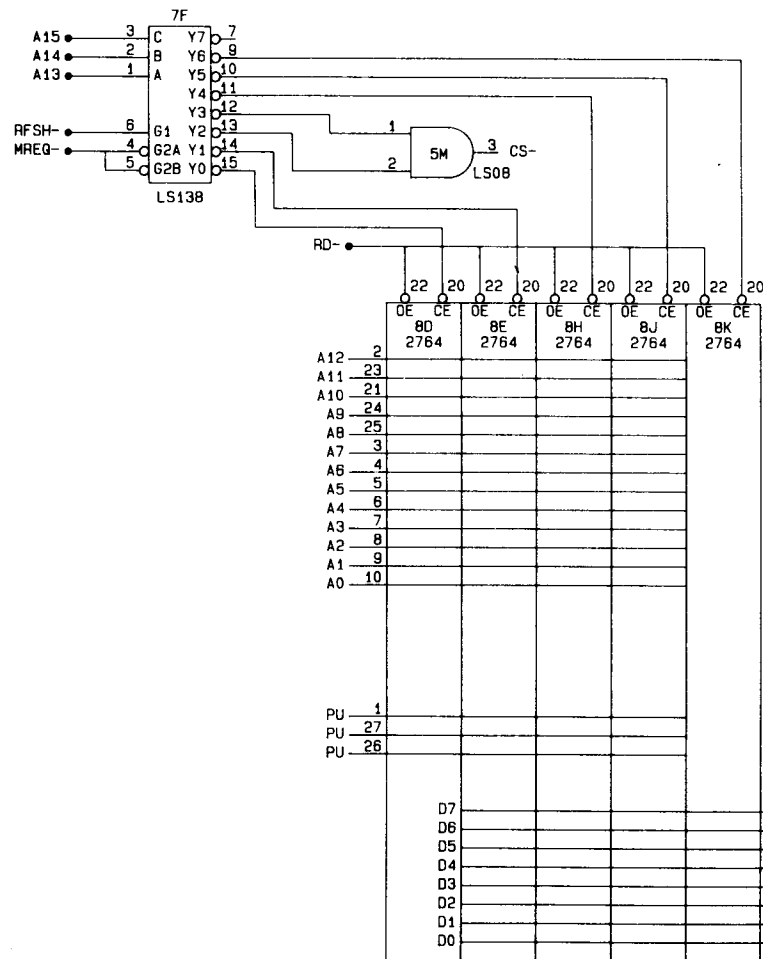
DIM. TOLERANCES UNLESS OTHERWISE SPEC CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN		<i>Bally</i> / MIDWAY MFG. CO. FRANKLIN PARK, IL 60131		SHEET 5 OF 22	
	DRN 780	DATE 12/08/83			SCALE FULL	SCROLLING / VIDEO
	MECH CKR	MAT L	JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29		REVISIONS	
	ELEC CKR	FINISH			PART NO	
					M-0-5-1-0-0-A-2-9-C-0-1-0	



THIS DWG IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG CO

SHEET 6 OF 22

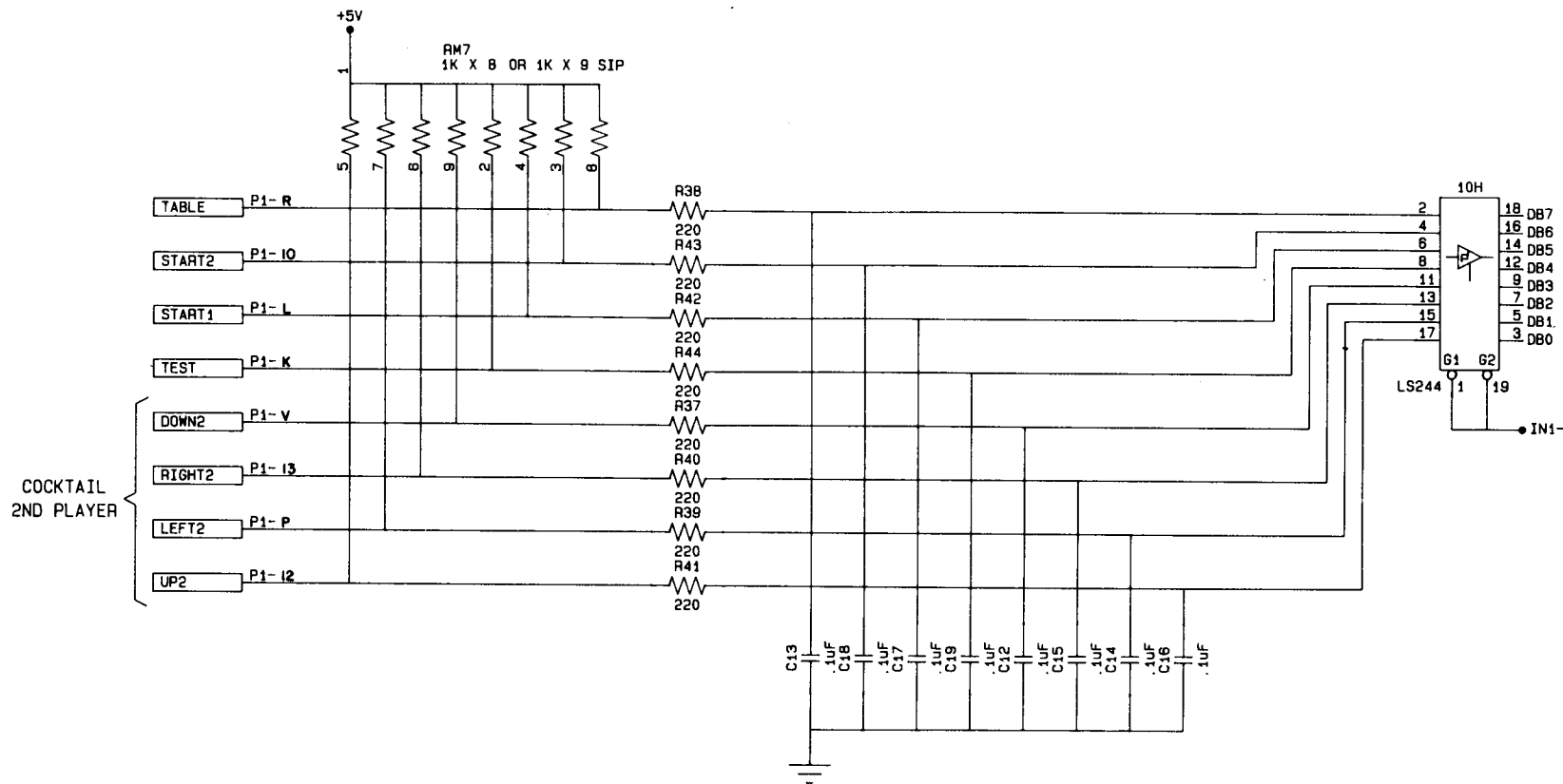
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	DRN 1200	DATE 12/08/83	SCALE FULL				
	MECH CHK	MATL		JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29		REVISIONS PART NO M-0-5-1-0-0-A-2-9-C-0-1-0	
	ELEC CHK	FINISH					



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 7 OF 22

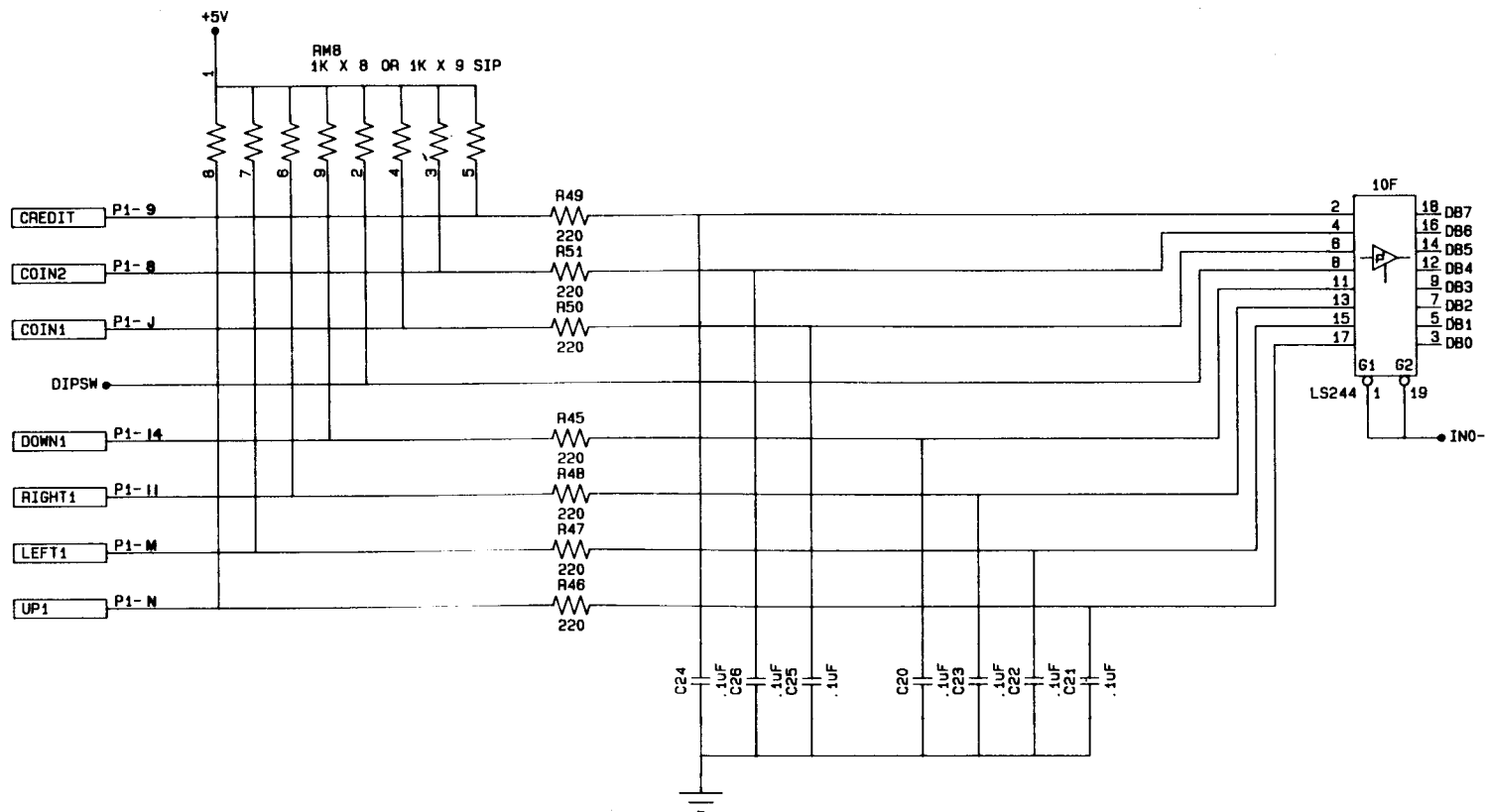
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		MECH. CHK. _____ MAT. _____ ELEC. CHK. _____ FINISH _____			ROM	
				JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	REVISIONS	
					PART NO M-0-5-1-0-0-A-2-9-C-0-1-0	



THIS DWG IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG CO

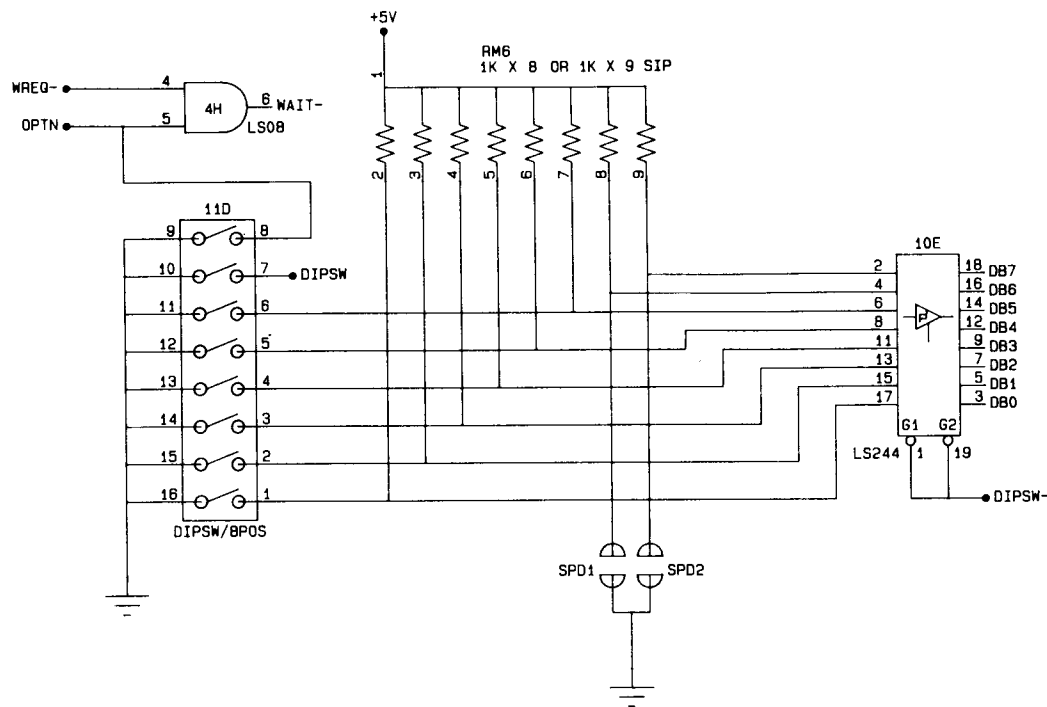
SHEET 8 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN DRN TBB DATE 12/08/83 SCALE FULL			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131	
	MECH CHK	MAT L		JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	
	ELEC CHK	FINISH		DIGITAL IN1	
				REVISIONS	
				PART NO M-0-5-1-0-0-A-2-9-C-0-1-0	



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

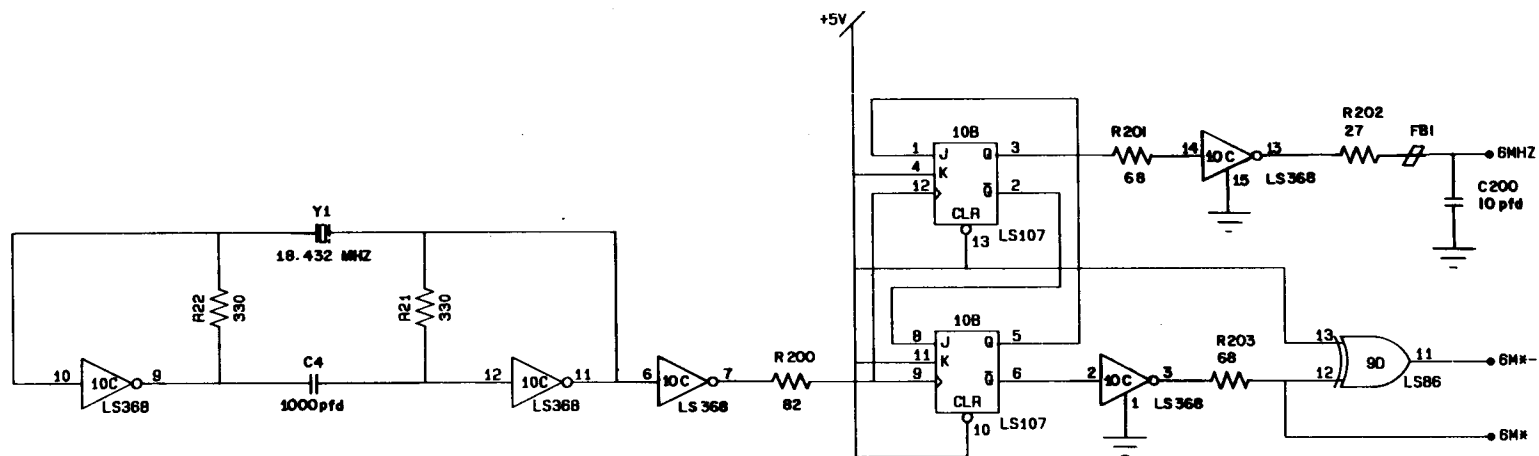
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	DRN TBB	DATE 12/08/83	SCALE FULL	DIGITAL IN2	
	MECH CHK	MAT L	Bally/MIDWAY mfg. co. FRANKLIN PARK, IL 60131		
	ELEC CHK	FINISH			
			JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29		REVISIONS
					PART NO M-O-5-1-0-0-A-2-9-C-0-1-0



THIS DWG IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG CO

SHEET 10 OF 22

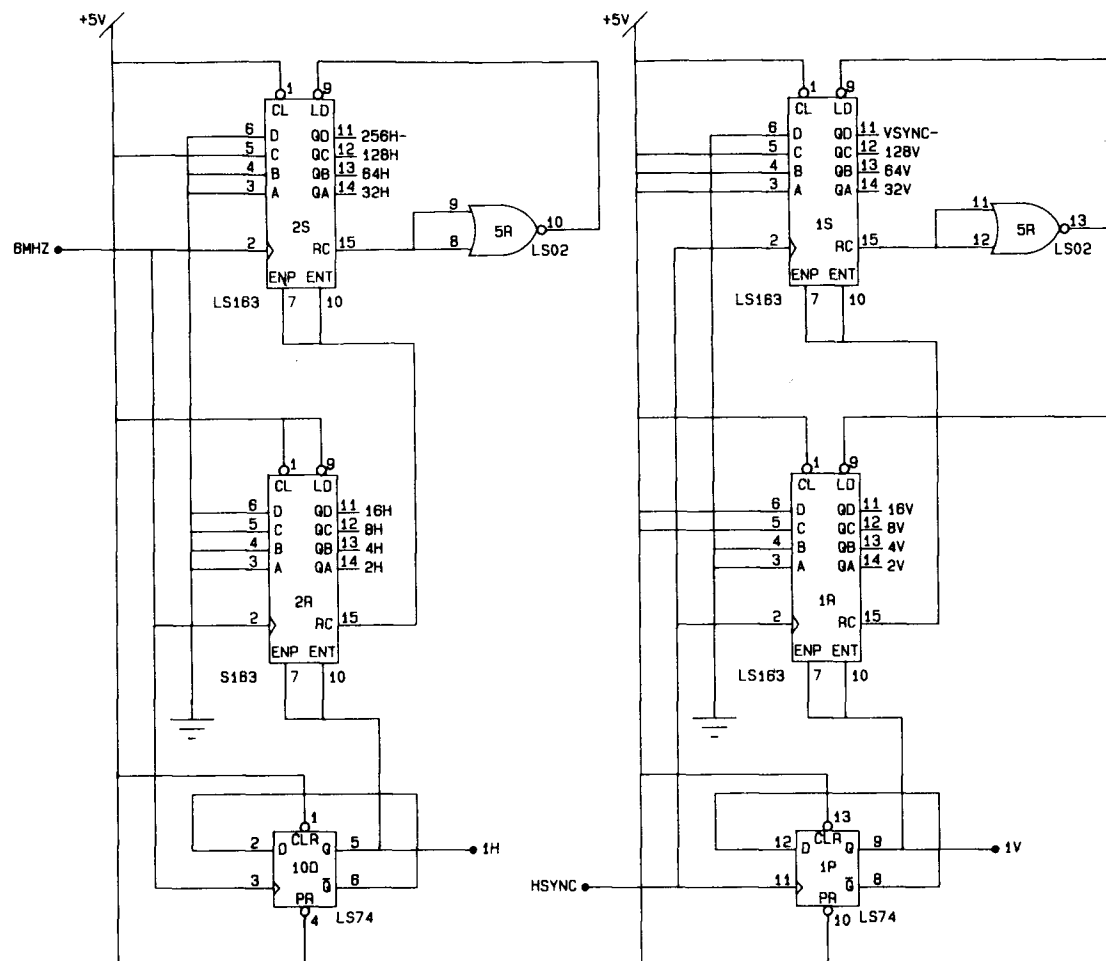
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	DRN 100	DATE 12/08/83	SCALE FULL			REVISIONS	
	MECH CHK	MAT L		JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29		PART NO M-0-5-1-0-0-A-2-9-C-0-1-0	
	ELEC CHK	FINISH					



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 11 OF 22

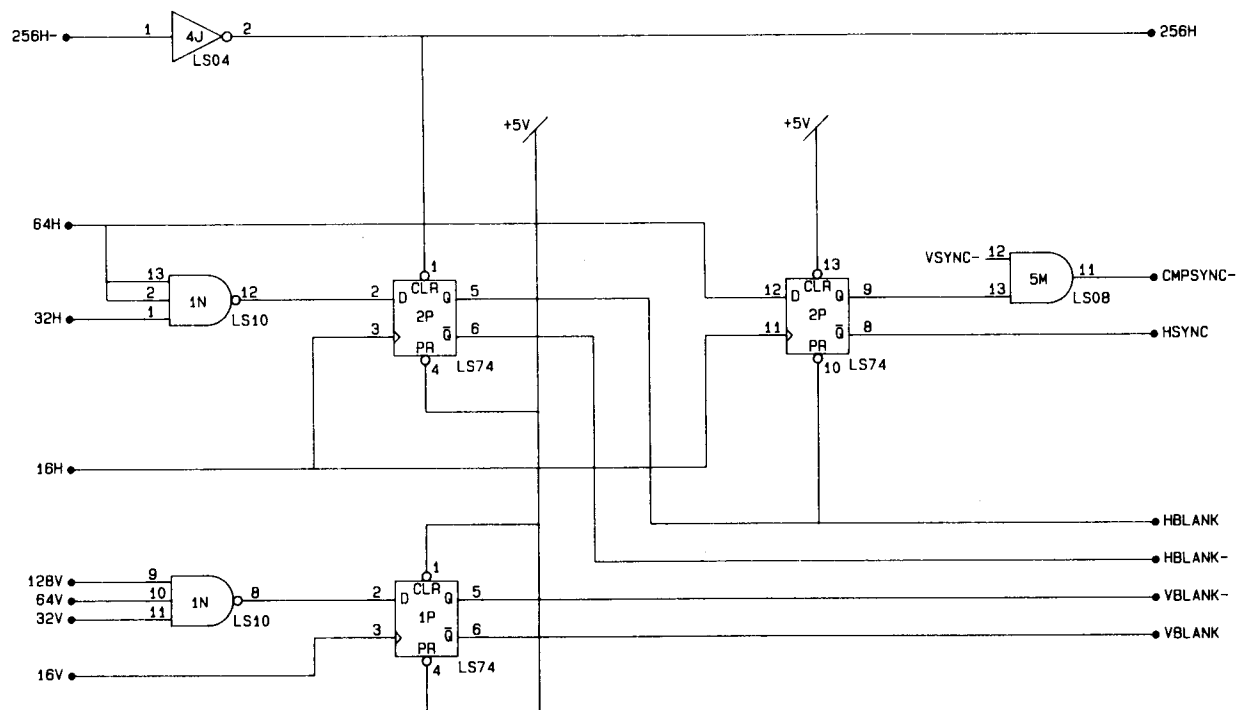
DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± .1/64 DECIMAL ± .005 HOLE DIA. + .002— .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			<i>Bally/MIDWAY MFG. CO.</i> FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	CLOCK GENERATOR REVISIONS PART NO M-0-5-1-0-0-A-2-9-C-0-1-0
	DRN	DATE	SCALE		
	TBB	12/08/83	FULL		
	MECH CHK	MAT L			
	ELEC CHK	FINISH			



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 12 OF 22

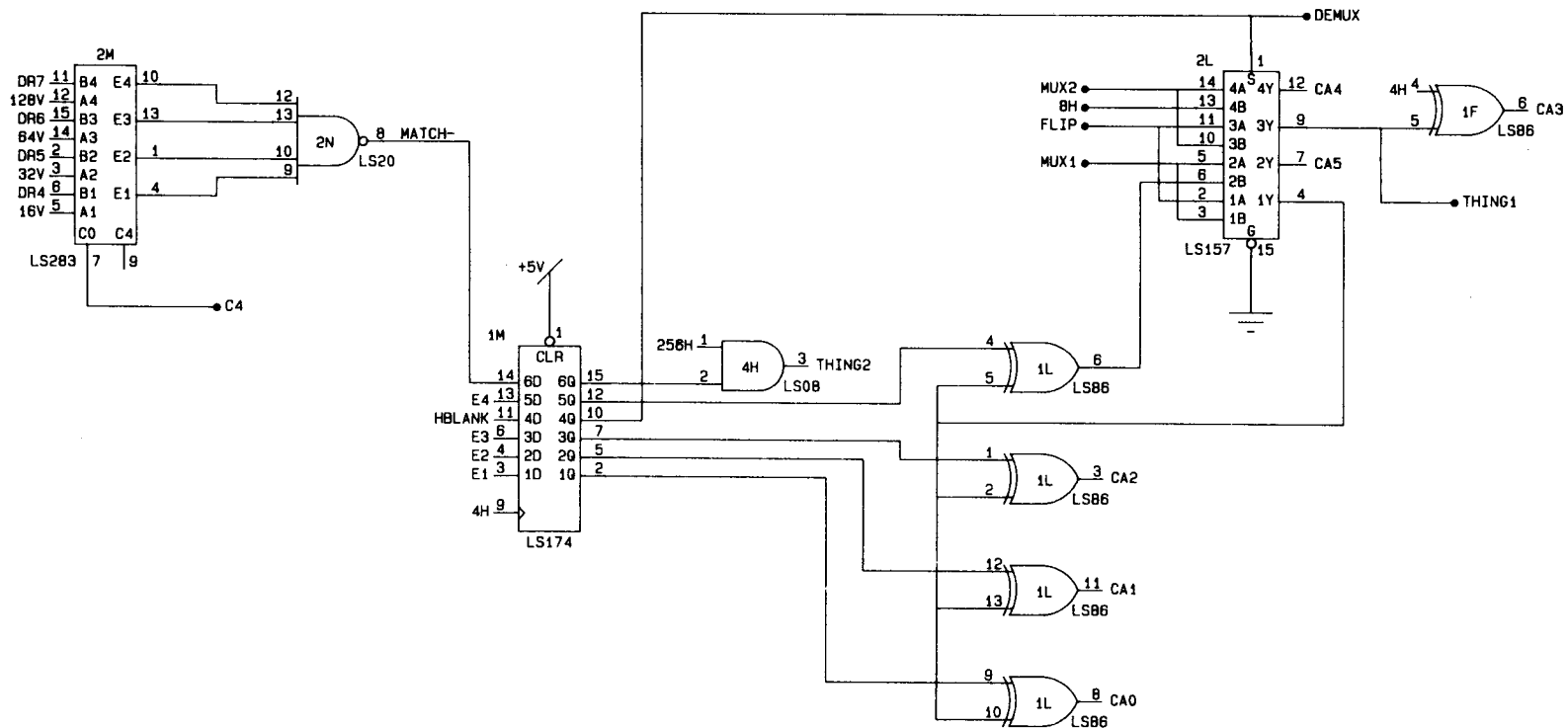
DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	SYNC GENERATOR	
	DRN 100	DATE 12/08/83	SCALE FULL		REVISIONS	
	MECH CHK	MAT			PART NO	
	ELEC CHK	FINISH			M.O.5-1-0-0-A-2-9-C-0-1-0	



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 13 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. +.002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN DRN TBB DATE 12/08/83 SCALE FULL MECH CHK _____ MAT L _____ ELEC CHK _____ FINISH _____	Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	BLANK GENERATOR REVISIONS PART NO M-0-5-1-0-0-A-2-9-C-0-1-0
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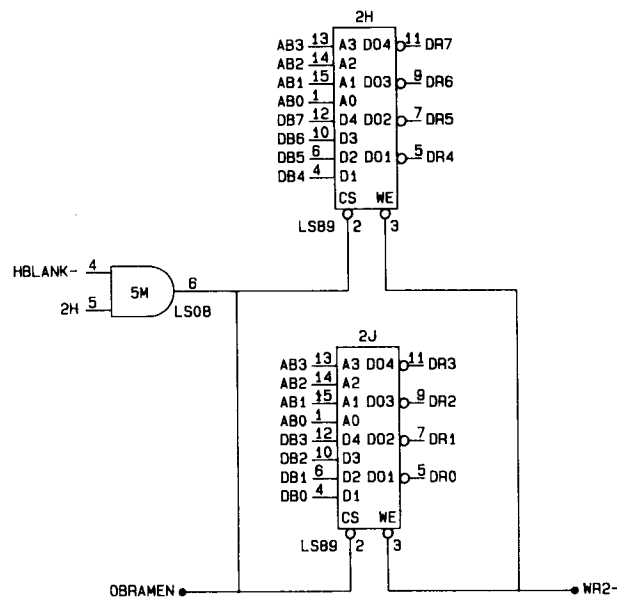
THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

DIM. TOLERANCES
UNLESS OTHERWISE SPEC.
CONCENTRICITY T.I.R. .002
FRACTIONAL $\pm 1/64$
DECIMAL $\pm .005$
HOLE DIA. $+ .002 - .000$
ANGLE $\pm 1/2^\circ$
DO NOT SCALE DWG.

FIRST USED ON **JR. PACMAN**
DRN **TBB** DATE **12/08/83** SCALE **FULL**
MECH. CHK. MAT. I
ELEC. CHK. FINISH

Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131
JR. PACMAN (CONVERSION)
LOGIC P.C.
A080-91688-CA29

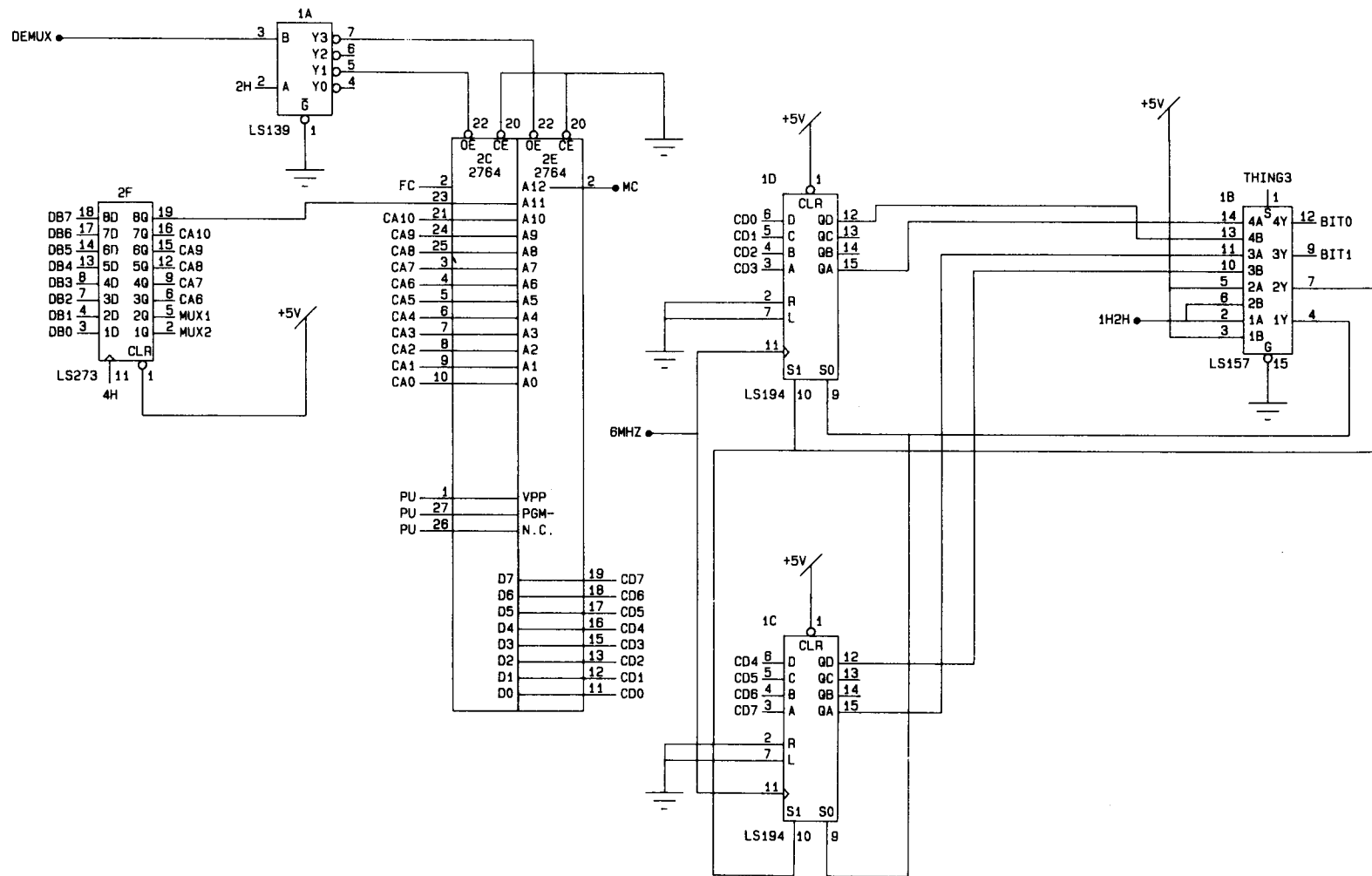
SHEET 15 OF 22
VERT. ADDRESS TIMING
REVISIONS
PART NO
M-0-5-1-0-0-A-2-9-C-0-1-0



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 16 OF 22

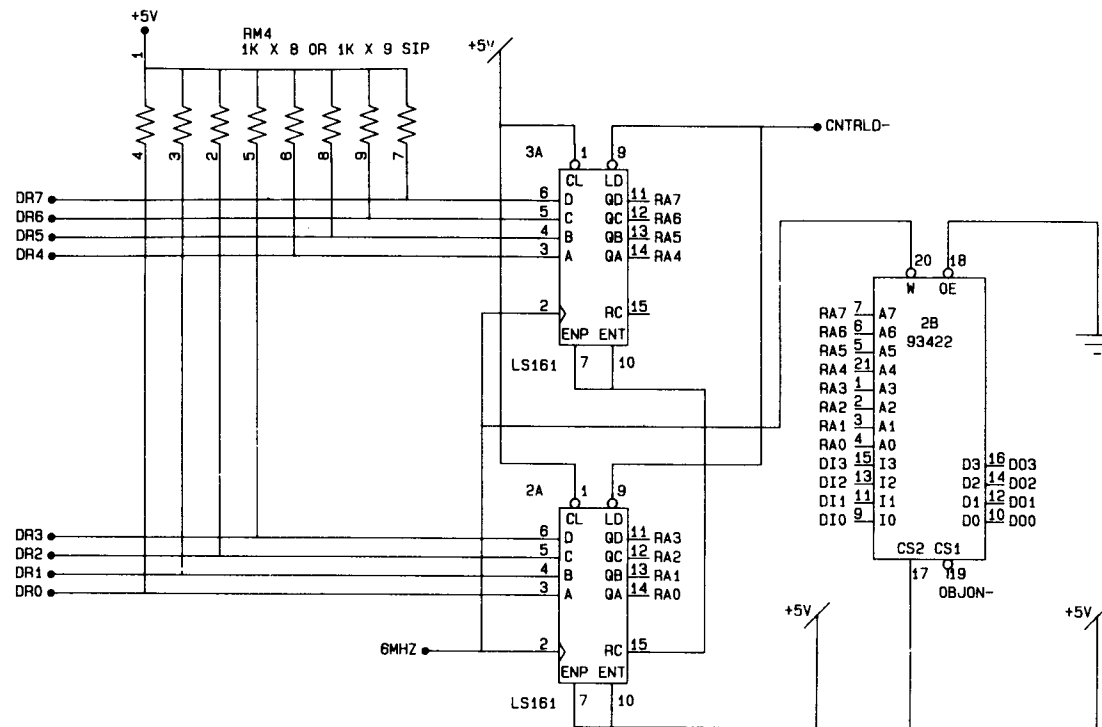
DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. +.002— .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	OBJECT RAM	
	DRN TB8	DATE 12/08/83	SCALE FULL		REVISIONS	
	MECH. CHK	MAT. L			PART NO	
	ELEC. CHK	FINISH			M.O.S. I - 0.0 A.2.9 - C.0.1.0	



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 17 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. 002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	OBJECT ROM REVISIONS PART NO M-0-5-1-0-0-A-2-9-C-0-1-0
	DRN	DATE	SCALE		
	MECH. CHK	MAT'L			
	ELEC. CHK	FINISH			



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 18 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. +.002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688-CA29	LINE RAM	
	DRN TBB	DATE 12/08/83	SCALE FULL		REVISIONS	
	MECH CKR	MAT'L			PART NO M-0-5-1-0-0-A-2-9-C-0-1-0	
	ELEC CKR	FINISH				



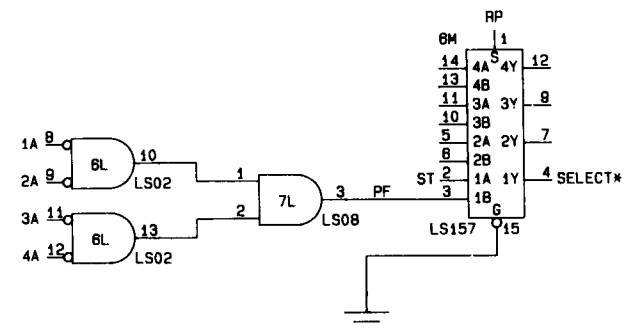
BRUNING-40-107



DIM. TOLERANCES UNLESS OTHERWISE SPEC CONCENTRICITY TYP .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA + .002 - .000 ANGLE ± 1/2°		FIRST USED ON JR. PACMAN DRN TBO DATE 12/08/83 SCALE FULL MECH CKR _____ MAT'L _____ ELEC CKR _____ FINISH _____	
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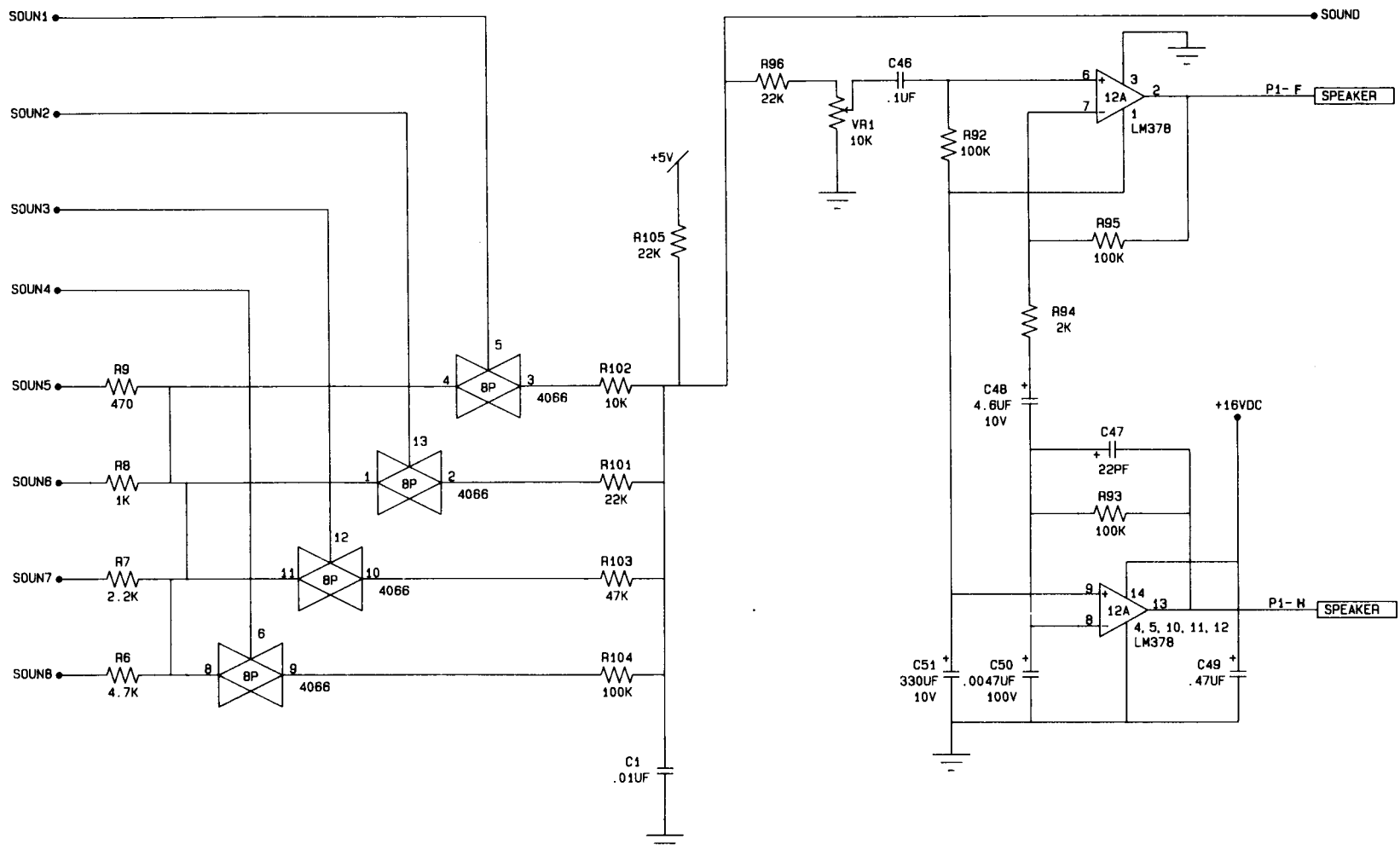
JR. PACMAN (CONVERSION)
LOGIC P.C.
A080-91688-CA29

PART NO
M-0-5-1-0-0-A-2-9-C-0-1-0



SHEET 21 OF 22

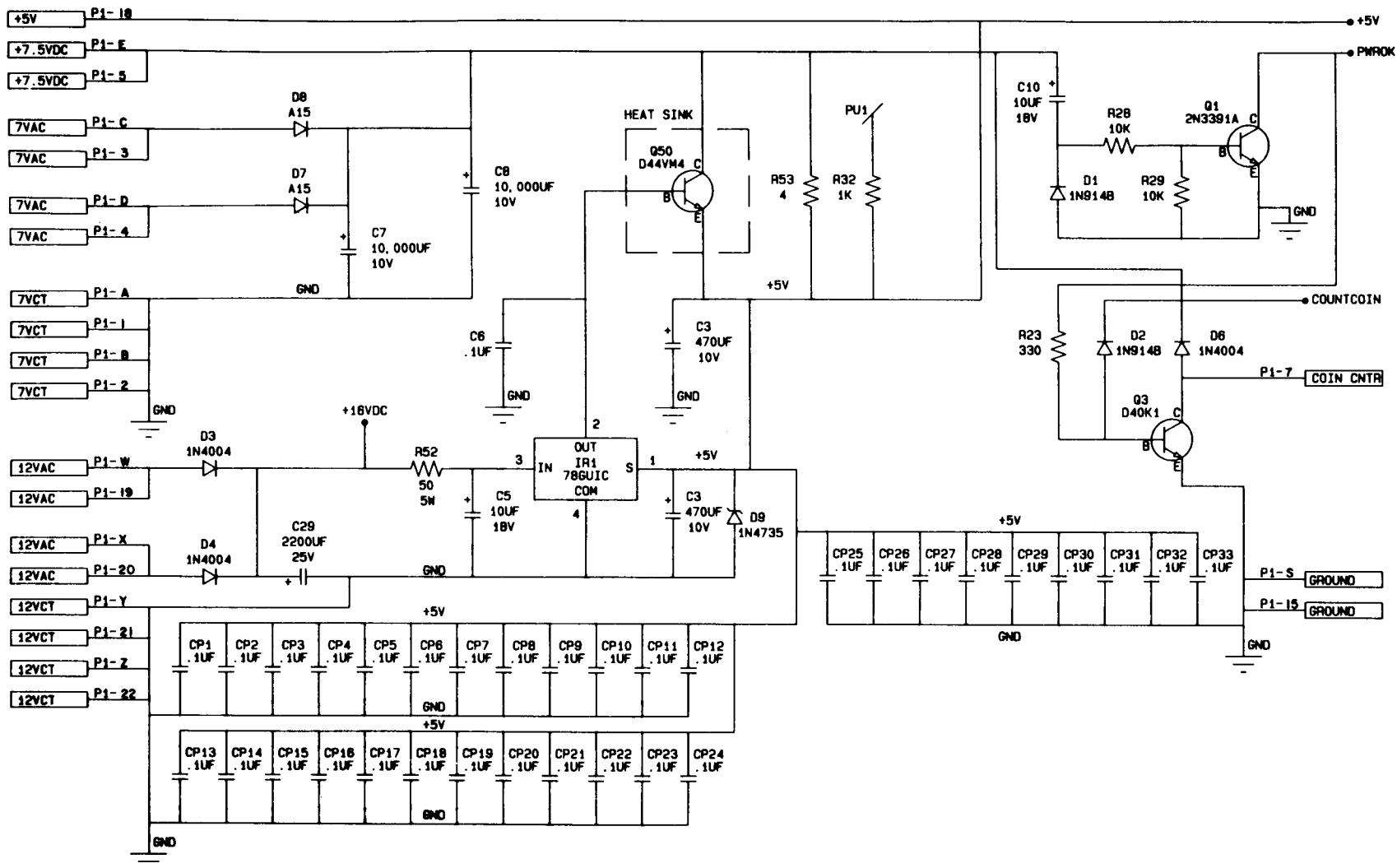
PROMPT / STAMP VIDEO	
REVISIONS	
PART NO	
M.O.5.1 - 0.0.A.2.9 - C.O.1.0	



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SHEET 22 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA +.002— .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			<i>Bally/MIDWAY MFG. CO.</i> FRANKLIN PARK, IL 60131		SHEET 22 OF 22		
	DRN	100	DATE			12/08/83	SCALE	FULL
	MECH CKR		MAT		JR. PACMAN (CONVERSION) LOGIC P.C. A080-91688 - CA29		REVISIONS	
	ELEC CKR		FINISH				PART NO M-0-5-1-0-0-A-2-9-C-0-1-0	



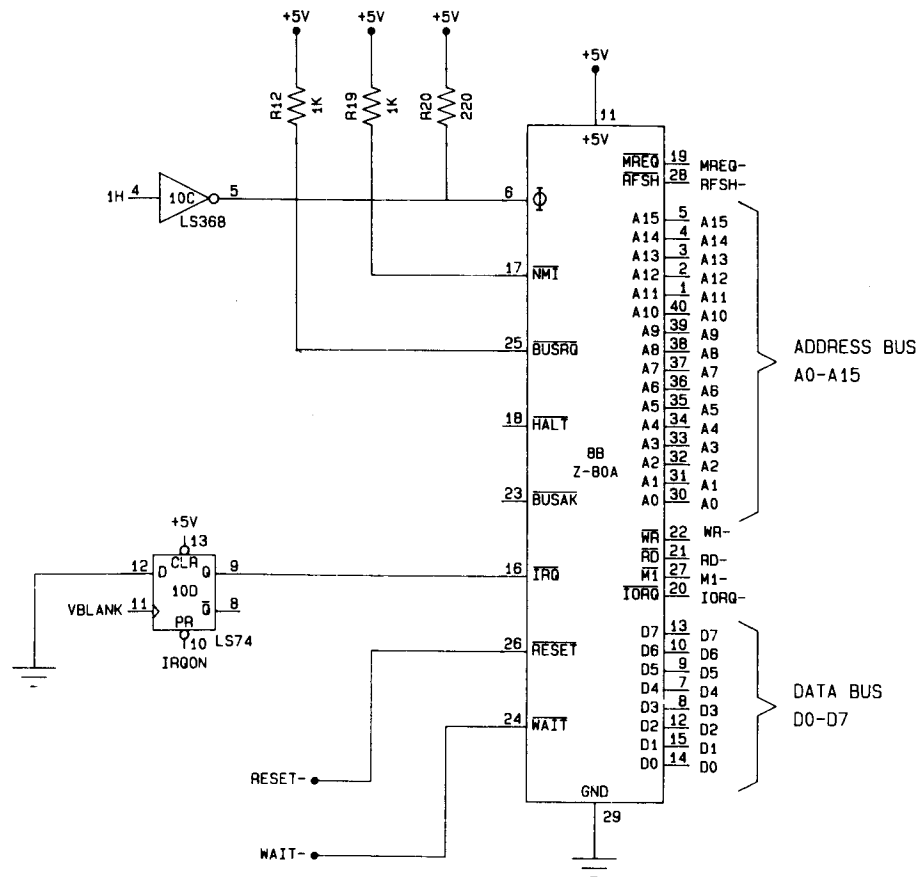
THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 1 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.		FIRST USED ON DRN 100 MECH CKR ELEC CKR	JR. PACMAN DATE 11/29/83 SCALE FULL MAT'L FINISH
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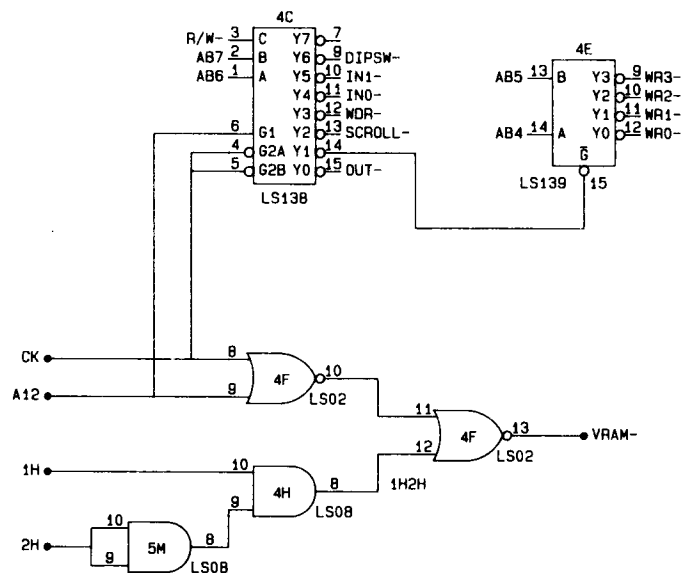
Bally/MIDWAY MFG. CO.
 FRANKLIN PARK, IL 60131
JR. PACMAN (FIELD KIT)
 LOGIC P.C.
 A080-91694-BA29

REVISIONS	
PART NO	M 080-1-000-A29-B014



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DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY TIR .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.		FIRST USED ON JR. PACMAN DRN TBB DATE 11/29/83 SCALE FULL MECH CHG. N/A ELEC CHG. FINISH		Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29		SHEET 2 OF 22 CPU REVISIONS PART NO M-0-5-1-0-0-A-2-9-B-0-1-4	
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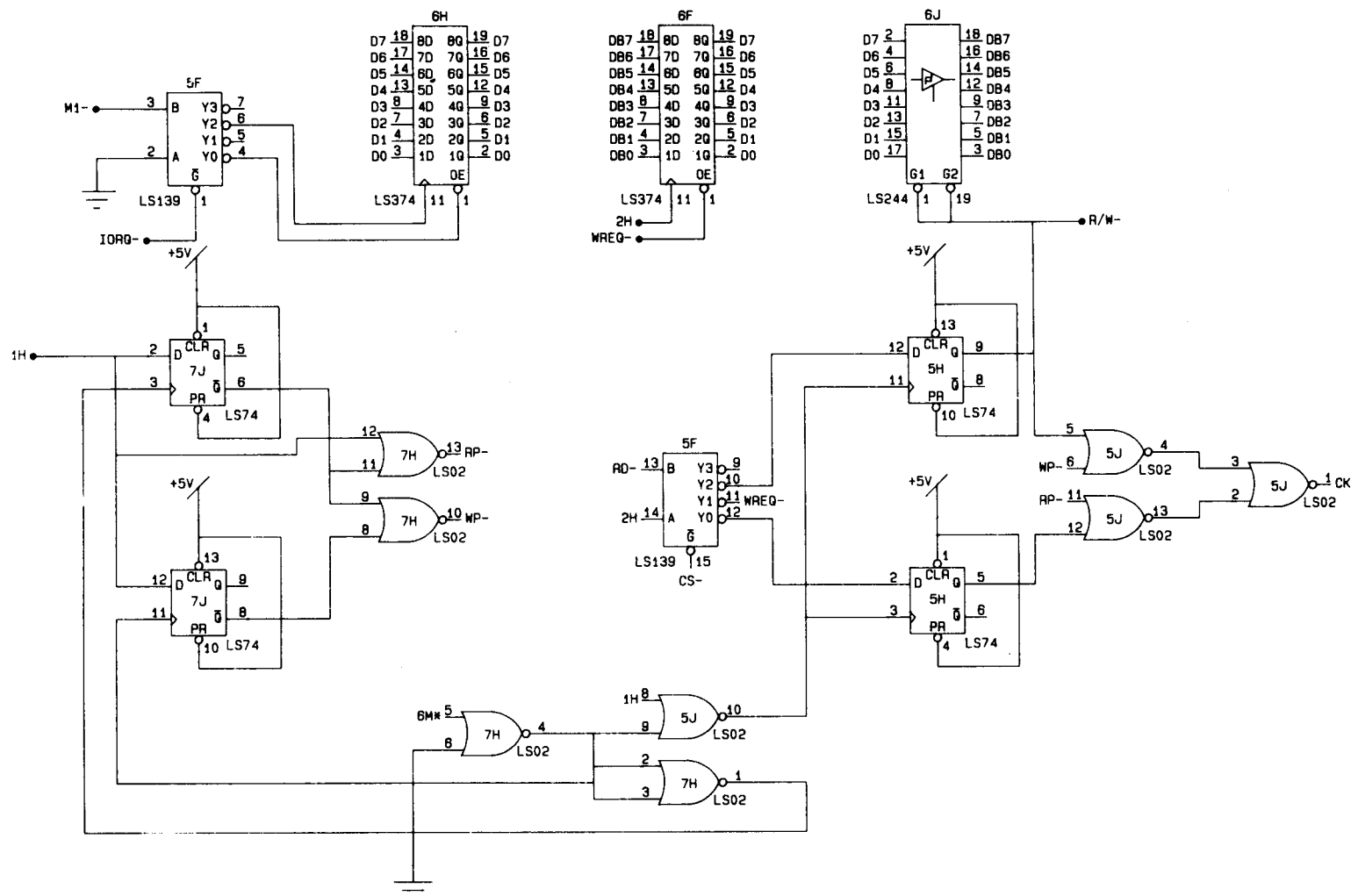


THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

DIM. TOLERANCES		FIRST USED ON		DATE		SCALE		SHEET 3 OF 22	
UNLESS OTHERWISE SPEC		JR. PACMAN		11/29/83		FULL		ADDRESS DECODE	
CONCENTRICITY T.I.R.		100						REVISIONS	
FRACTIONAL								PART NO	
DECIMAL								M.O. 5-1-0-0-A-2-9-B-0-1-4	
HOLE DIA									
ANGLE									
DO NOT SCALE DWG.									

Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131

JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694 - BA29



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 4 OF 22

DIM. TOLERANCES		FIRST USED ON JR. PACMAN	
UNLESS OTHERWISE SPEC		DRN	DATE
CONCENTRICITY TIR		TBB	11/29/83
FRACTIONAL ± 1/64		SCALE	FULL
DECIMAL ± .005		MECH CKR	MAT
HOLE DIA + .002 - .000			
ANGLE ± 1/2°		ELEC CKR	FINISH
DO NOT SCALE DWG.			

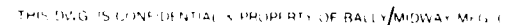
Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131

JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694-BA29

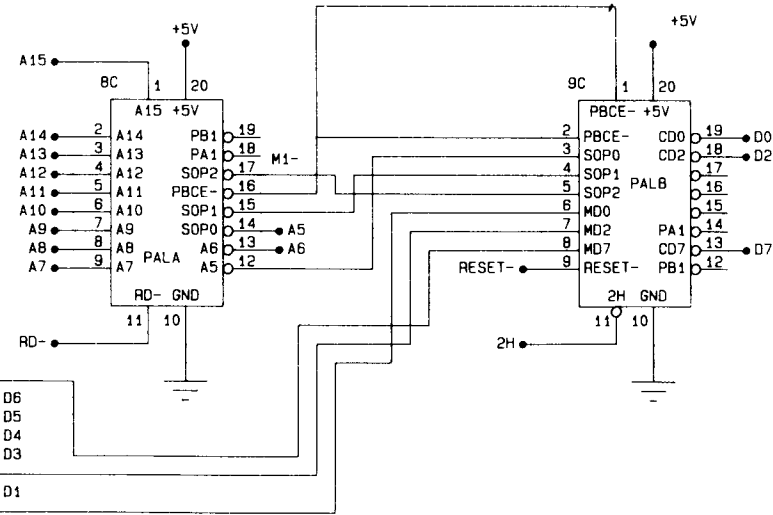
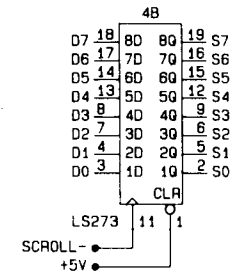
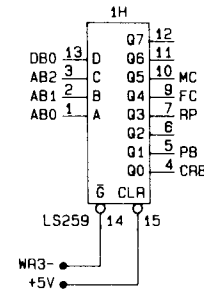
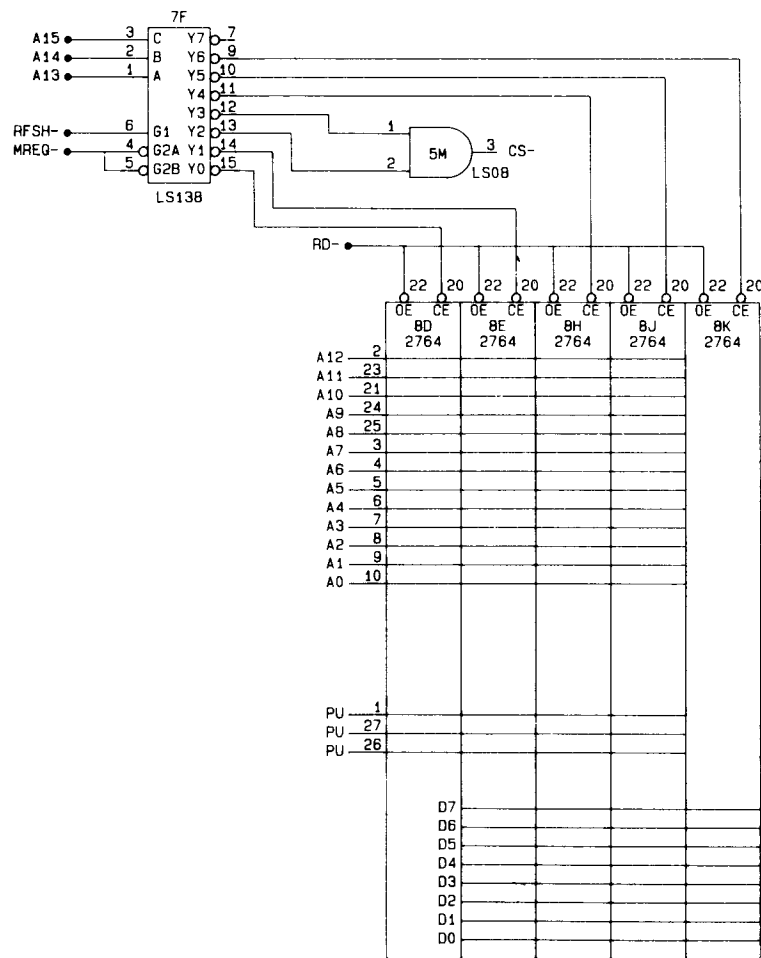
SYNC BUS CONTROLLER

REVISIONS

PART NO
M.O.5.1-0.0.A.2.9-B.0.1.4

44. N. N. G. 4 172

BRUNING-40-107

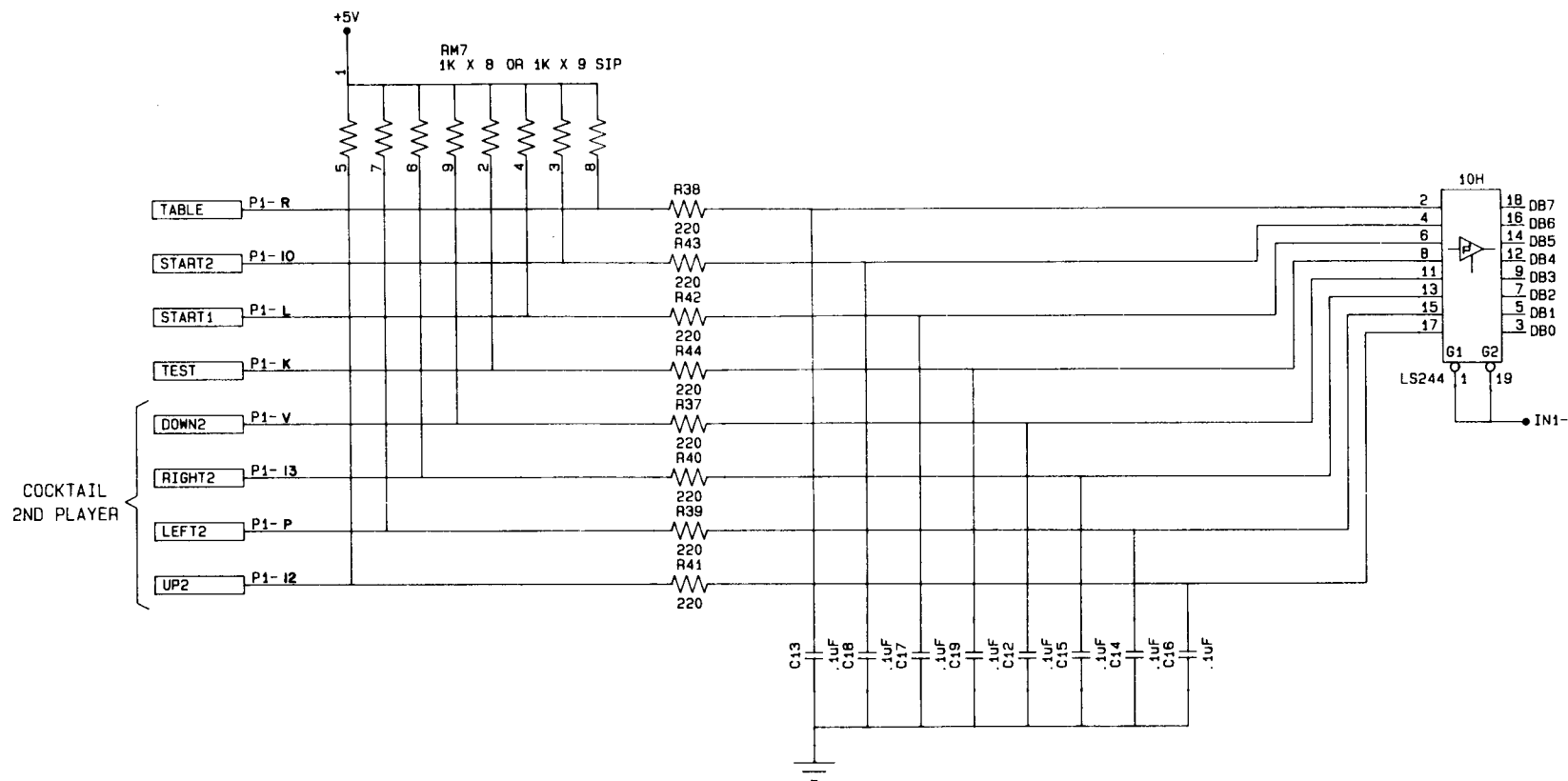


THIS DRAWING IS THE PROPERTY OF BALLY/MIDWAY MFG. CO.

DIM. TOLERANCES		FIRST REVISION		DATE	
UNLESS OTHERWISE SPEC		JR. PACMAN		11/29/83	
CONCENTRICITY TYP. 0.02		TBB		FULL	
FRACTIONAL ± 1/64					
DECIMAL ± .005					
HOLE DIA. ± .002 - .000					
ANGLE ± 1.2°					
DO NOT SCALE DWG.					

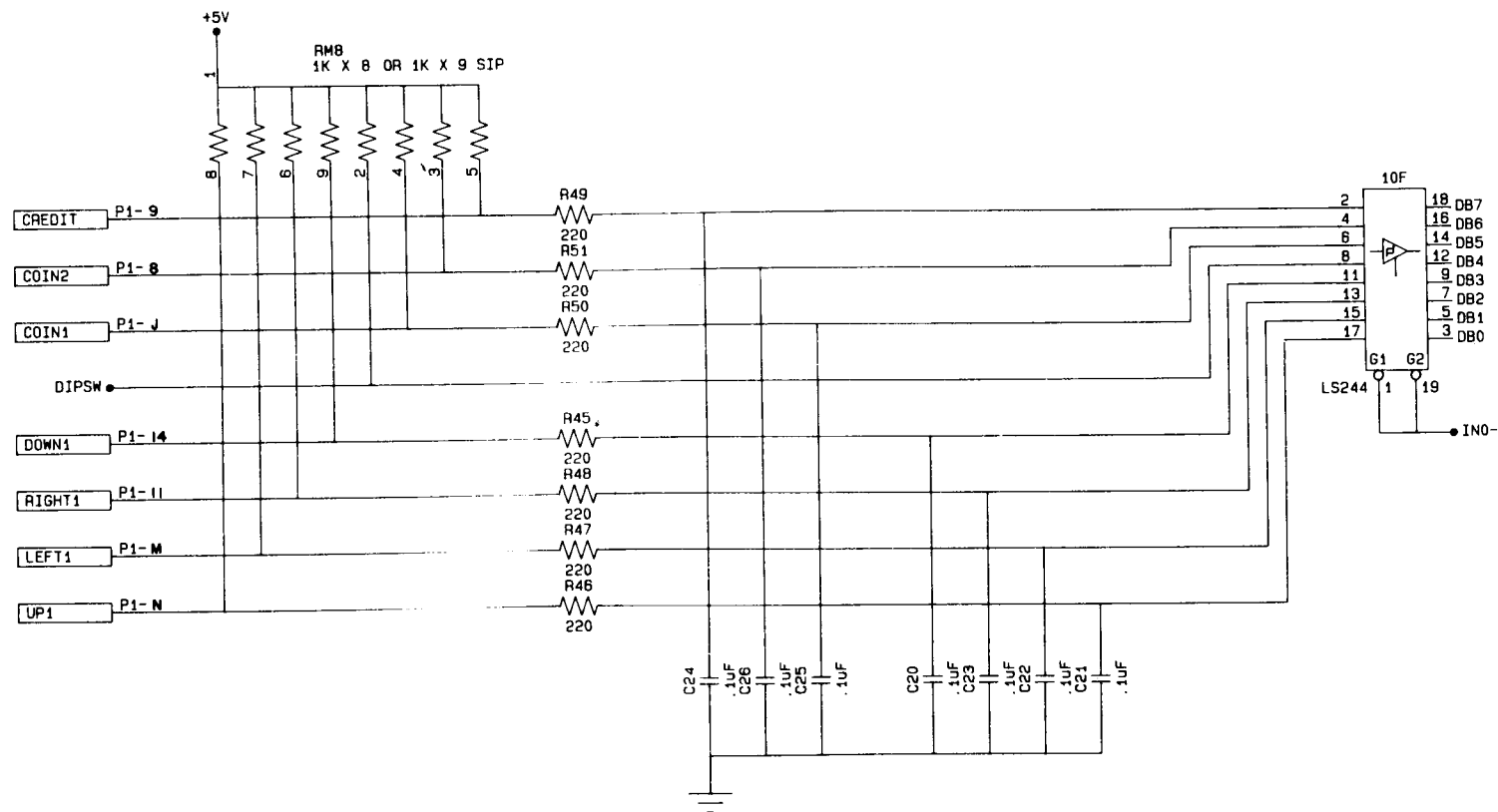
Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131
JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694-BA29

SHEET 7 OF 22	
ROM	
REVISIONS	
PART NO	M0501000A29B014



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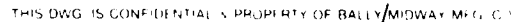
DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T I R .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.				FIRST USED ON JR. PACMAN DWN TBB DATE 11/29/83 SCALE FULL		Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29		SHEET 8 OF 22 DIGITAL IN1 REVISIONS PART NO M-0-5-1-0-0-A-2-9-B-0-1-4	
				MECH. CHK	DATE				
				ELEC. CHK	FINISH				



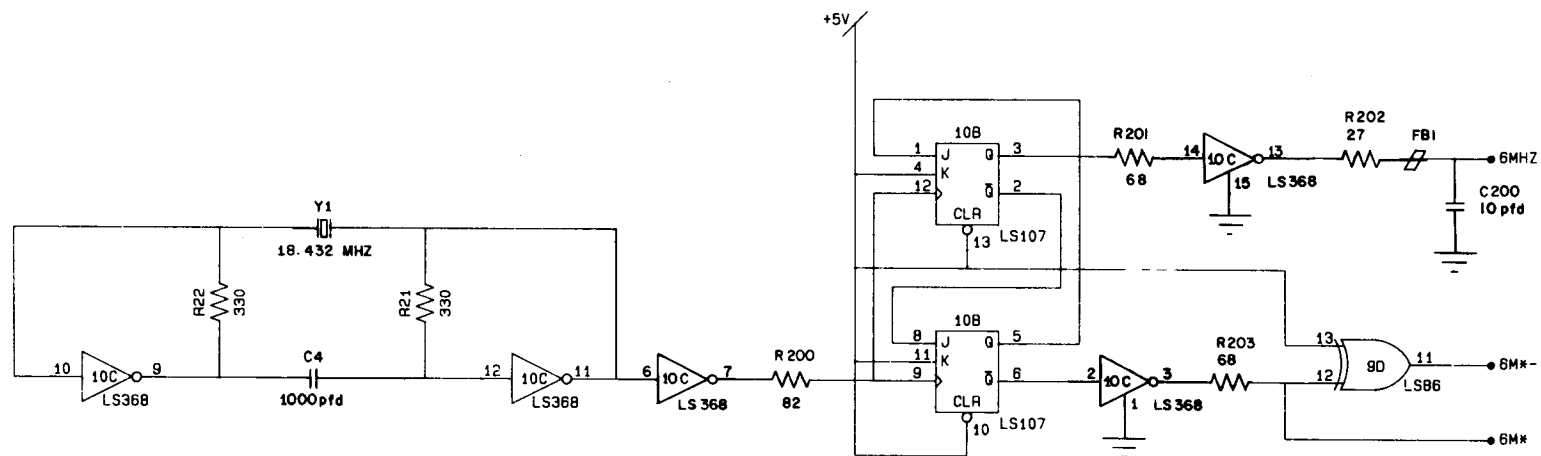
THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 9 OF 22

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T I R .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. +.002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN			<i>Bally/MIDWAY MFG. CO.</i> FRANKLIN PARK, IL 60131	DIGITAL IN2	
	DRN TBB	DATE 11/29/83	SCALE FULL		REVISIONS	
	MECH. CHR.	MAT.	JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29	PART NO M-0-5-1-0-0-A-2-9-B-0-1-4		
	ELEC. CHR.	FINISH				



FD-302 (Rev. 4-15-64)



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DIM. TOLERANCES		FIRST USED ON	
UNLESS OTHERWISE SPEC		JR. PACMAN	
CONCENTRICITY T1 R	002	DATE	11/29/83
FRACTIONAL	± 1/64	SCALE	FULL
DECIMAL	± .005	MECH. CHG.	
HOLE DIA	+ .002 - .000	MAT'L	
ANGLE	± 1/2°	ELEC. CHG.	FINISH
DO NOT SCALE DWG.			

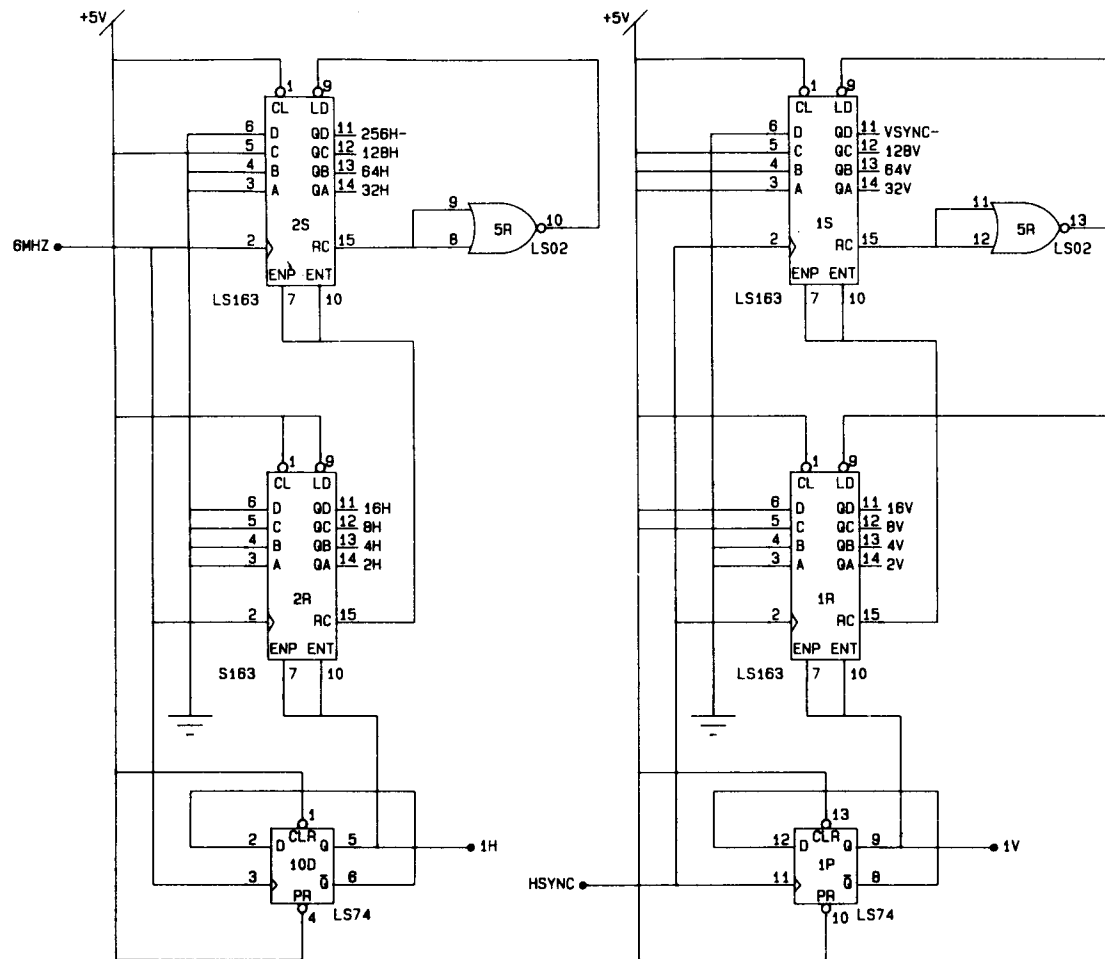
Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131

JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694-BA29

SHEET 11 OF 22

CLOCK GENERATOR
REVISIONS

PART NO
M0051-000A29-B014



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

DIM. TOLERANCES			
UNLESS OTHERWISE SPEC			
CONCENTRICITY T.I.R.	002		
FRACTIONAL	± 1/64		
DECIMAL	± .005		
HOLE DIA.	± .002 - .000		
ANGLE	± 1/2°		
DO NOT SCALE DWG.			

FIRST USED ON			
JR. PACMAN			
DATE	11/29/83	DATE	FULL
MECH. CHG.		DATE	
ELEC. CHG.		DATE	

Bally / **MIDWAY MFG. CO.**
FRANKLIN PARK, IL 60131

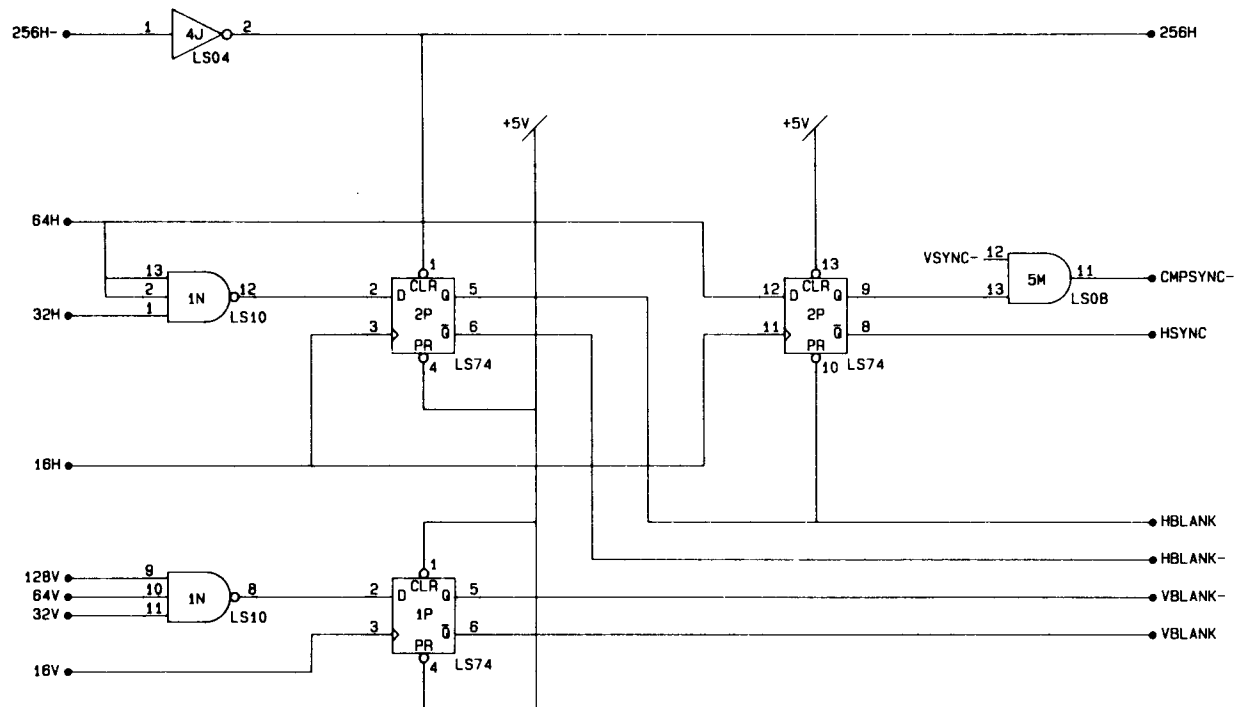
JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694-BA29

SHEET 12 OF 22

SYNC GENERATOR

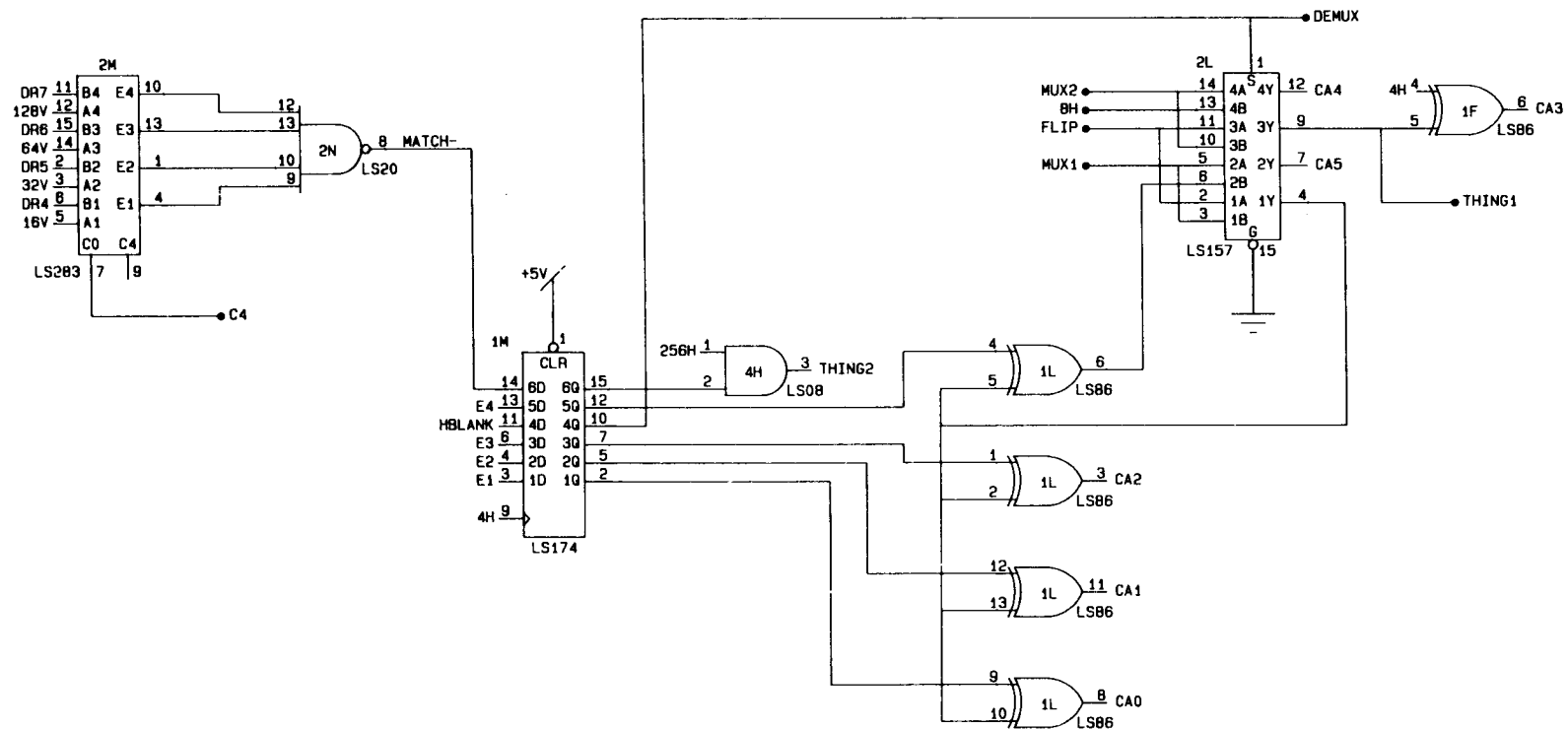
REVISIONS

PART NO.
M-0-5-1-0-0-A-2-9-B-0-1-4



THIS DWG IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG CO

DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL .0005 ± 1/64 DECIMAL .0005 ± .005 HOLE DIA. .002 ± .000 ANGLE .125 ± 1/2" DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN DRN 100 DATE 11/29/83 SCALE FULL MECH CHK _____ MAT I _____ ELEC CHK _____ FINISH _____	Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29	SHEET 13 OF 22 BLANK GENERATOR REVISIONS PART NO M051-00A29-B014
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THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 15 OF 22

DIM. TOLERANCES
UNLESS OTHERWISE SPEC.
CONCENTRICITY T.I.R. .002
FRACTIONAL $\pm 1/64$
DECIMAL $\pm .005$
HOLE DIA. $+ .002 - .000$
ANGLE $\pm 1/2^\circ$
DO NOT SCALE DWG.

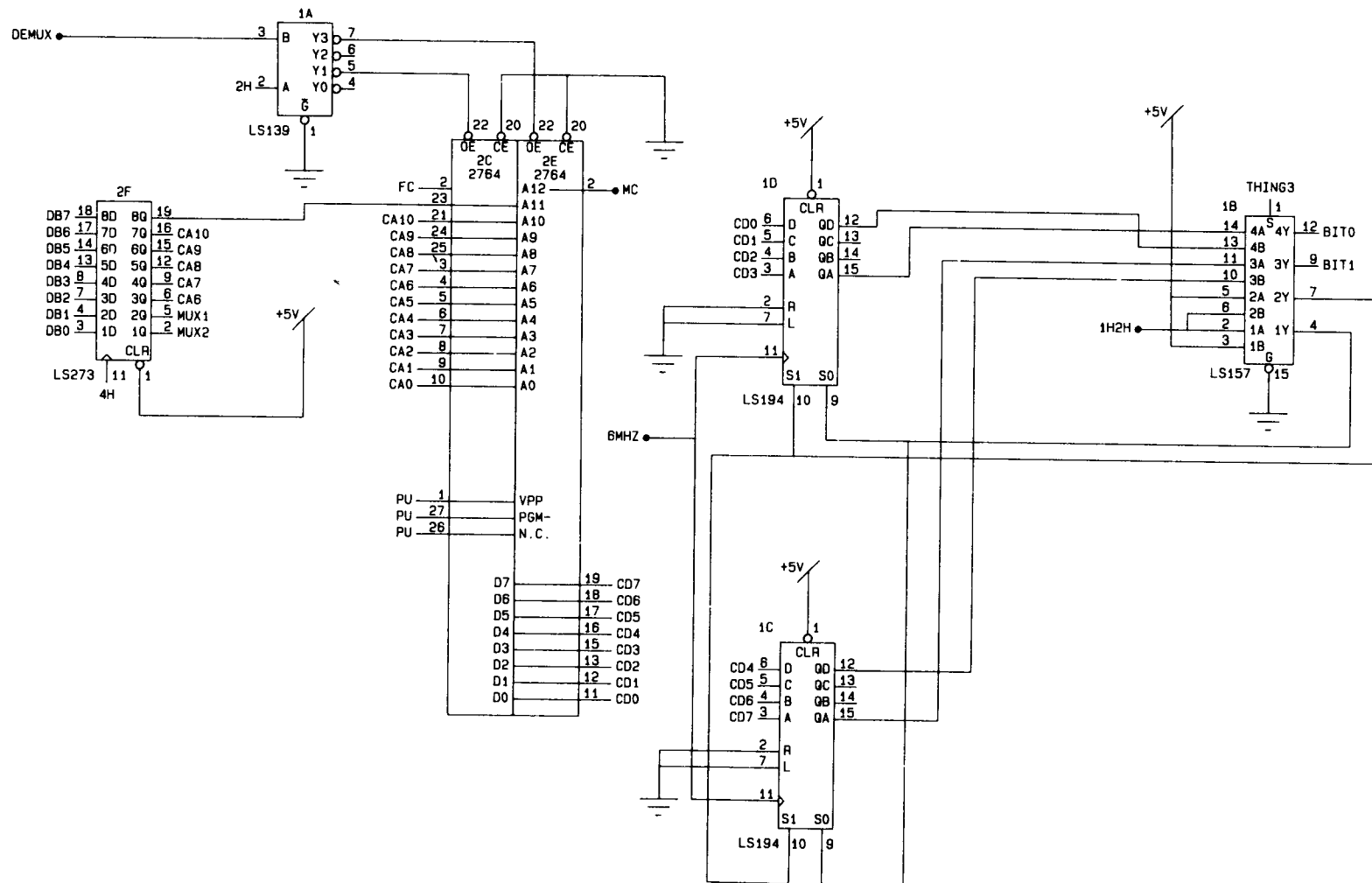
FIRST USED ON **JR. PACMAN**
DATE **11/29/83** SCALE **FULL**
MECH. CHK. **100** MAT. **100**
ELEC. CHK. **100** FINISH **100**

Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131
JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694-BA29

VERT. ADDRESS TIMING
REVISIONS
PART NO.
M051-00A29-B014



DIM. TOLERANCES UNLESS OTHERWISE SPEC. CONCENTRICITY TYP. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.		FIRST USED ON JR. PACMAN TURN TBB DATE 11/29/83 SCALE FULL MECH. CHG. MAT'L ELEC. CHG. FINISH		THIS DWG. IS THE PROPERTY OF BALLY/MIDWAY MFG. CO. <i>Bally/MIDWAY MFG. CO.</i> FRANKLIN PARK, IL 60031 JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29		SHEET 16 OF 22 OBJECT RAM REVISIONS PART NO. M05-1-00A-29-B014	
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DIM. TOLERANCES
UNLESS OTHERWISE SPEC
CONCENTRICITY T I R .002
FRACTIONAL ± 1/64
DECIMAL ± .005
HOLE DIA + .002 - .000
ANGLE ± 1/2°
DO NOT SCALE DWG.

FIRST USED ON **JR. PACMAN**
URN **100** DATE **11/29/83** SCALE **FULL**
MECH CHG MAT
ELEC CHG FINISH

Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131

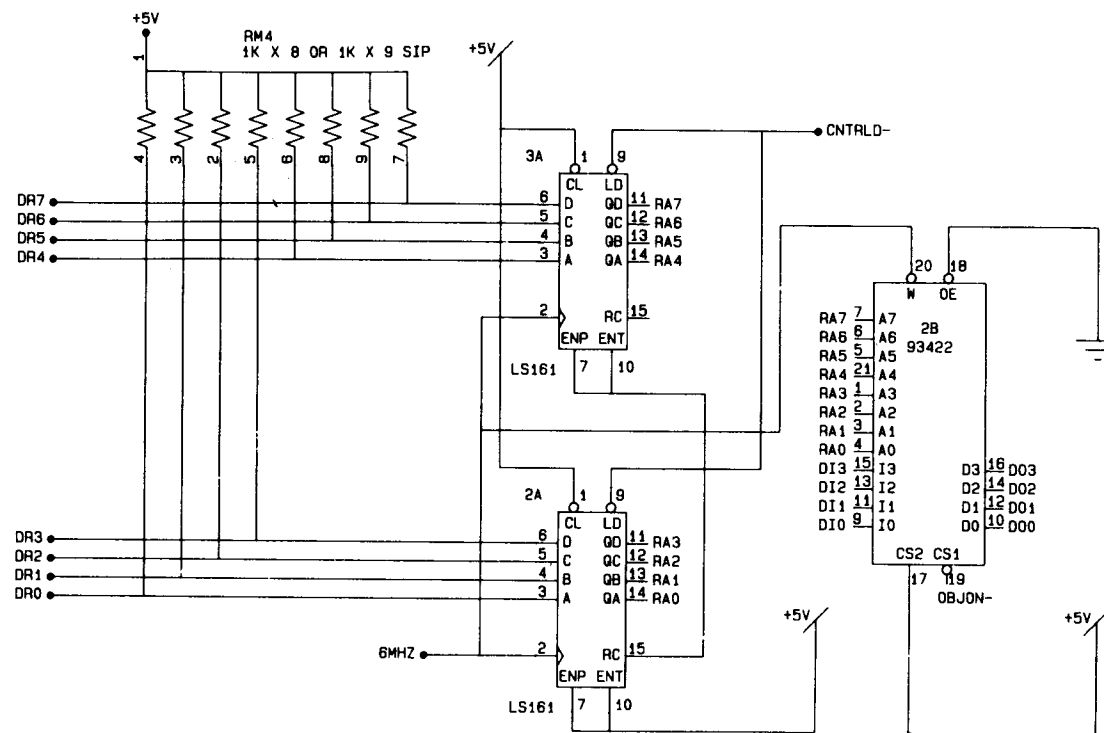
JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694-BA29

SHEET 17 OF 22

OBJECT ROM

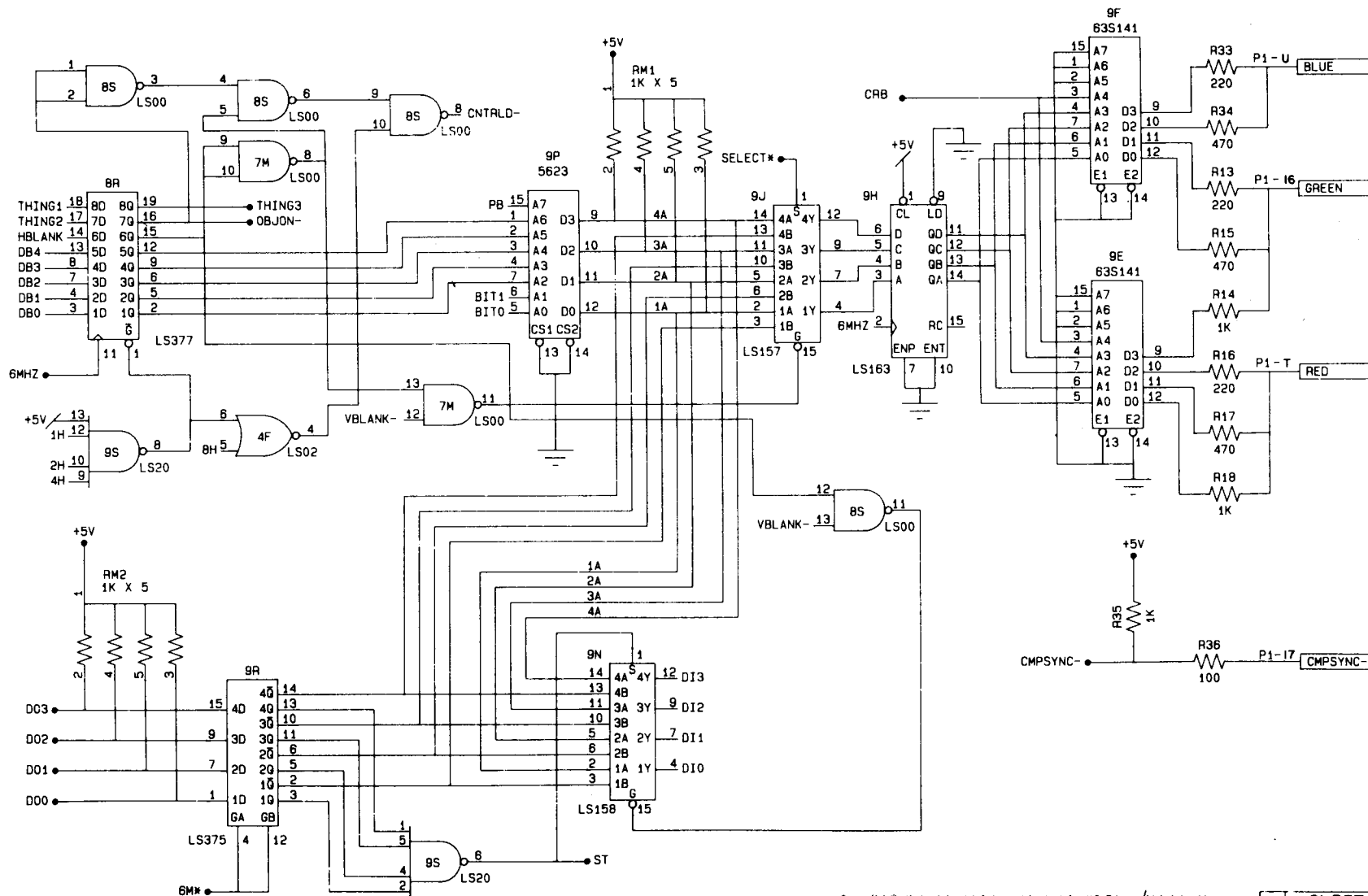
REVISIONS

PART NO
M-0-5-1-0-0-A-2-9-B-0-1-4



THIS DWG IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

DIM. TOLERANCES UNLESS OTHERWISE SPEC CONCENTRICITY T I R .002 DECIMAL ± 1/64 HOLE DIA + .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	FIRST USED ON JR. PACMAN DATE 11/29/83 ALL FULL MECH CHK _____ ELEC CHK _____	Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29	SHEET 18 OF 22 LINE RAM REVISIONS PART NO M051-00A29-B014
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DIM. TOLERANCES

UNLESS OTHERWISE SPEC
CONCENTRICITY TIR .002
FRACTIONAL ± .164
DECIMAL ± .005
HOLE DIA + .002 - .000
ANGLE ± 1/2°
DO NOT SCALE DWG.

DESIGNED BY **JR. PACMAN**

DATE **11/29/83**

SCALE **FULL**

MECHANICAL

ELECT. CHG.

FINISH

Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131

JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694-BA29

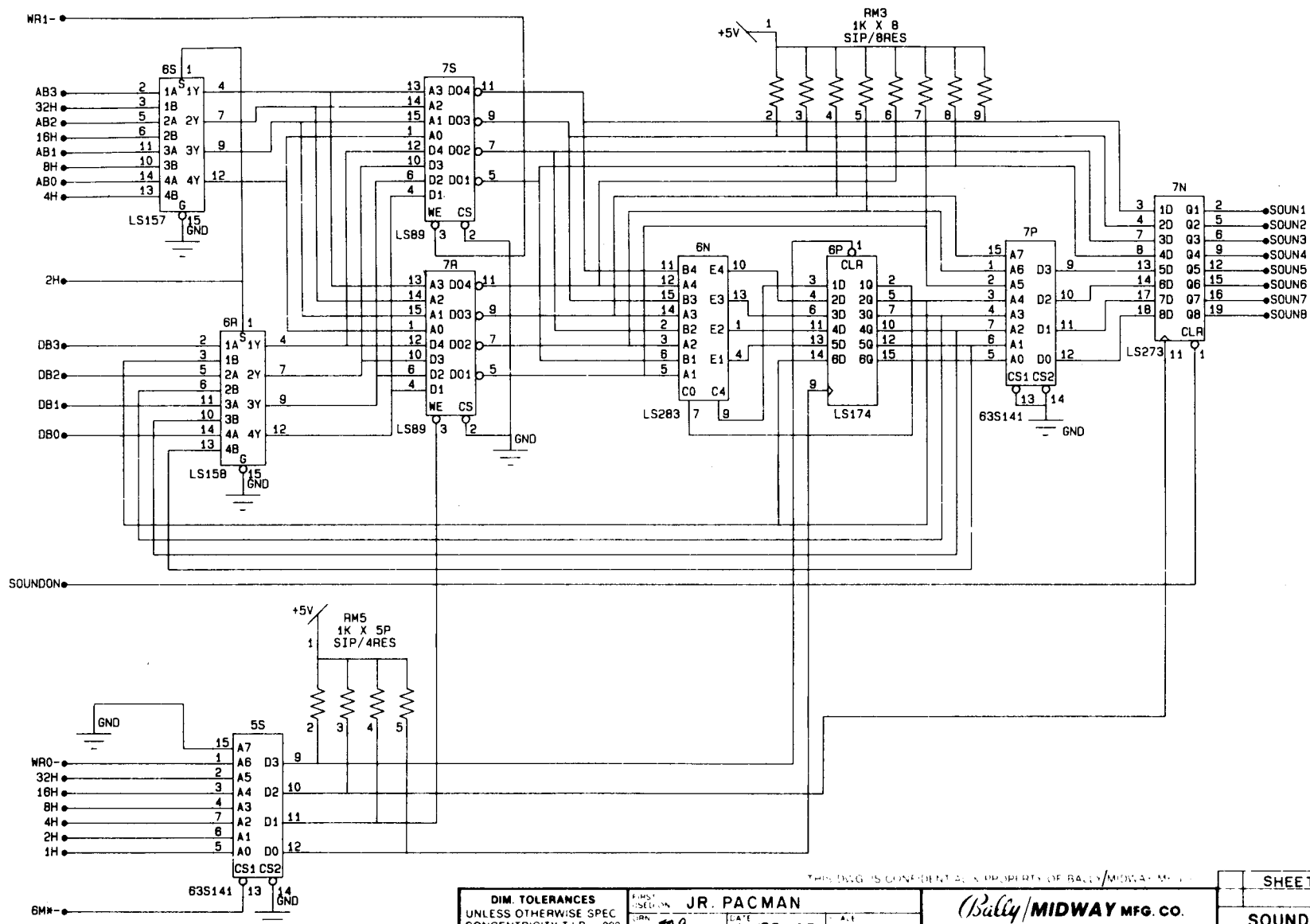
SHEET 19 OF 22

COLOR ROM

REVISIONS

PART NO

M0-5-1-0-0-A-2-9-B-0-1-4



THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

SHEET 20 OF 22

DIM. TOLERANCES			
UNLESS OTHERWISE SPEC			
CONCENTRICITY T.T.P.	002		
FRACTIONAL	± 1/64		
DECIMAL	± .005		
HOLE DIA.	+ .002 - .000		
ANGLE	± 1/2°		
DO NOT SCALE DWG.			

DESIGN: JR. PACMAN

DATE: 11/29/83

FILE: FULL

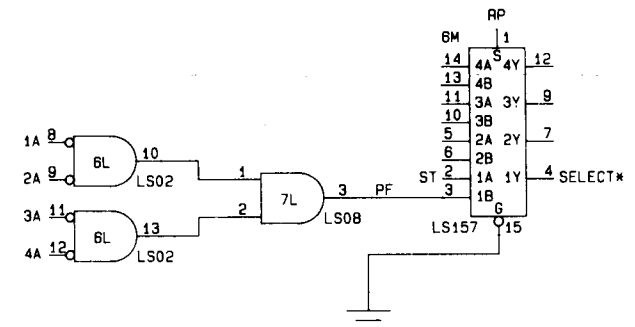
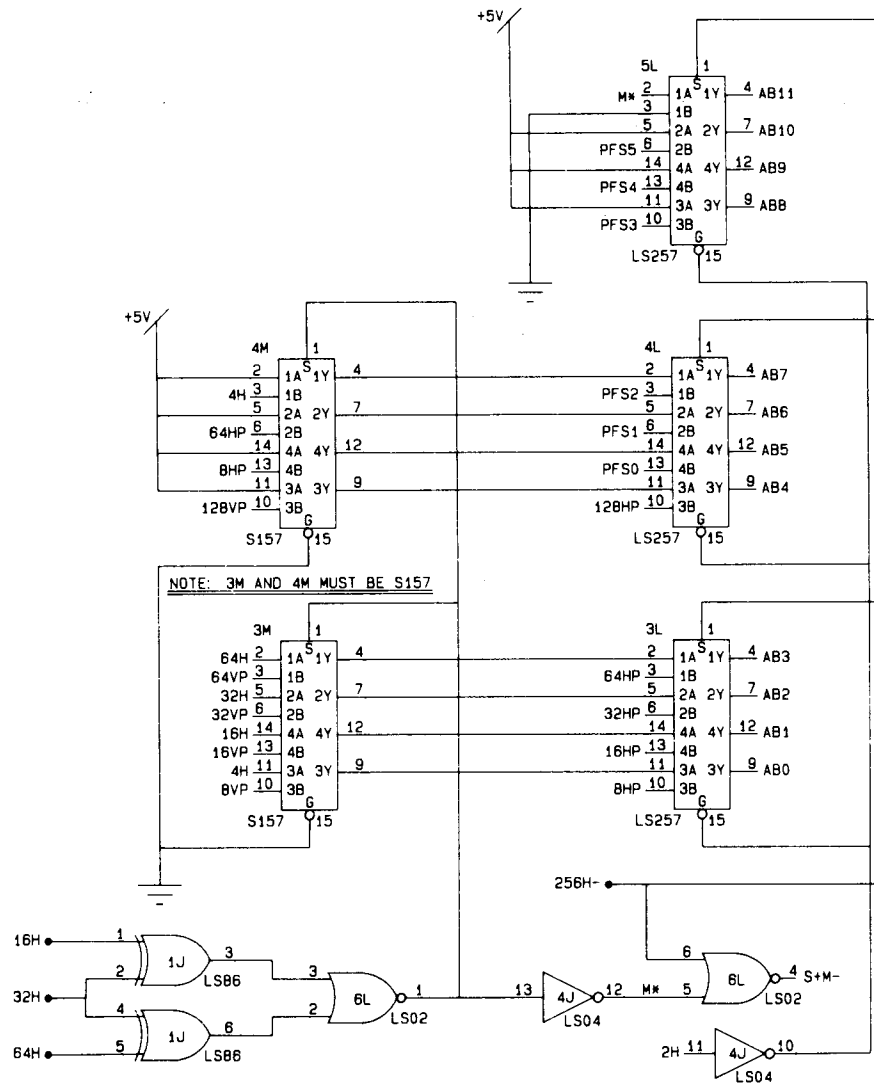
Bally/MIDWAY MFG. CO.
FRANKLIN PARK, IL 60131

JR. PACMAN (FIELD KIT)
LOGIC P.C.
A080-91694 - BA29

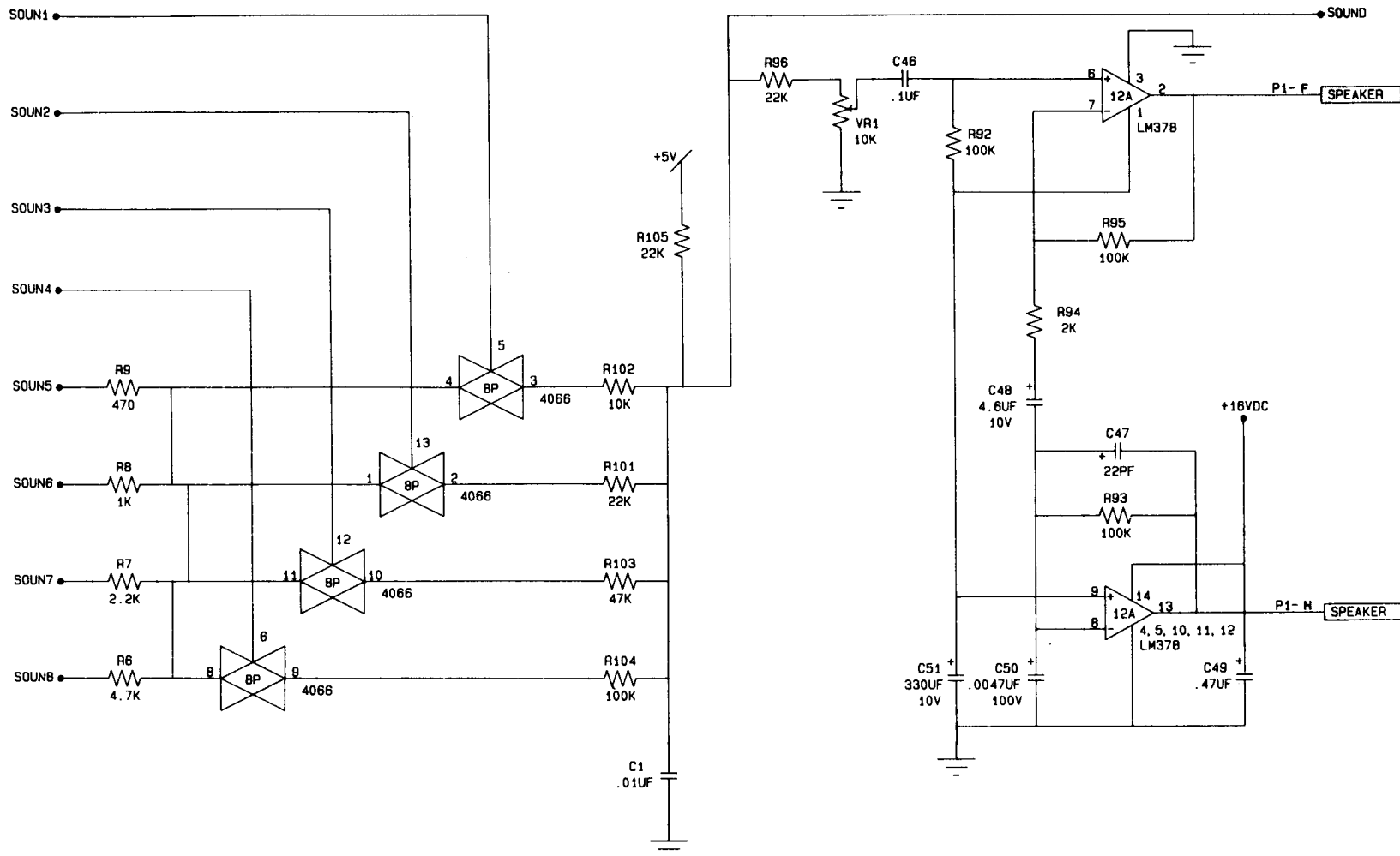
SOUND

REVISIONS

PART NO
M.O. 51-00-A-29-B-014



DIM TOLERANCES UNLESS OTHERWISE SPEC CONCENTRICITY TYP 002 FRACTIONAL ± 1/64 DECIMAL ± 0.05 HOLE DIA ± 0.02-0.00 ANGLE ± 1/2 DO NOT SCALE DWG.	TITLE JR. PACMAN DATE 11/29/83 FULL 788	Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29	SHEET 21 OF 22 PROMPT / STAMP VIDEO REVISIONS PART NO M05-1-00A-29-B01-4
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THIS DWG. IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

DIM. TOLERANCES UNLESS OTHERWISE SPEC CONCENTRICITY T.I.R. .002 FRACTIONAL $\pm 1/64$ DECIMAL $\pm .005$ HOLE DIA. $+ .002 - .000$ ANGLE $\pm 1/2^\circ$ DO NOT SCALE DWG.	DESIGNED BY JR. PACMAN DATE 11/29/83 SCALE FULL			SHEET 22 OF 22	
	MECHANICAL			Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131	
	ELECTRICAL			JR. PACMAN (FIELD KIT) LOGIC P.C. A080-91694-BA29	
	FINISH			AUDIO AMPLIFIER REVISIONS PART NO M0-5-1-0-0-A-2-9-B-0-1-4	