

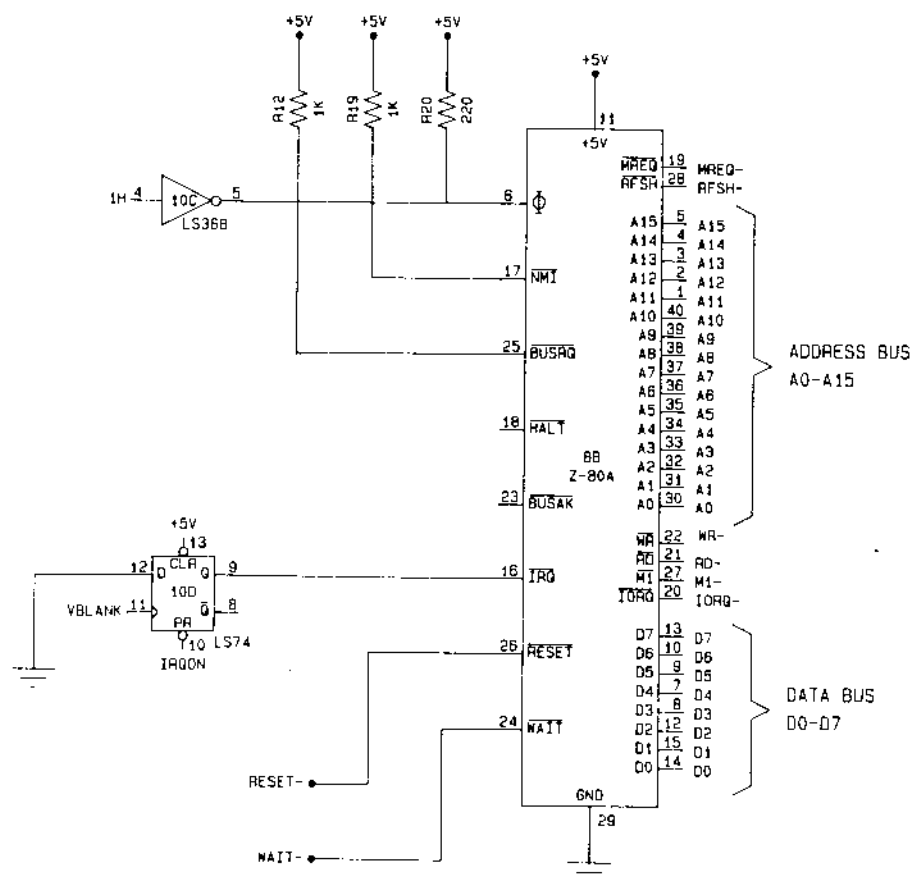
THIS DWG IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG CO

SHEET 1 OF 22

<b>DWG. TOLERANCES</b> UNLESS OTHERWISE SPEC CONCENTRICITY TIR .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE x 1/2" <b>DO NOT SCALE DWG.</b>	<b>FIRST USED ON</b> JR. PACMAN DWN TBB	<b>DATE</b> 11/29/83	<b>SCALE</b> FULL
	<b>MECH. CHK.</b> _____	<b>MAT'L</b> _____	<b>FILE CHG.</b> _____
	<b>FINISH</b> _____	<b>DATE</b> _____	<b>SCALE</b> _____
	<b>DATE</b> _____	<b>SCALE</b> _____	<b>SCALE</b> _____
	<b>DATE</b> _____	<b>SCALE</b> _____	<b>SCALE</b> _____

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

<b>REVISIONS</b>	
<b>PART NO</b>	<b>M0-5-1-0-0-A-2-9-B-0-1-4</b>

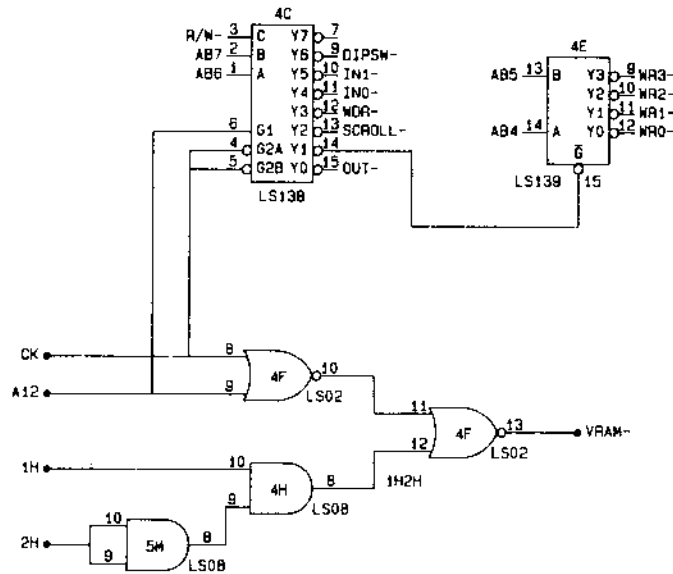


THIS DRAWING IS THE PROPERTY OF BALLY/MIDWAY MFG. CO.

<b>DIM TOLERANCES</b> UNLESS OTHERWISE SPEC FRACTIONAL ± 1/64 DECIMAL ± 0.05 HOLE DIA ± 0.02 - 0.00 ANGLE ± 1/2° DO NOT SCALE DWG.	PART USED IN <b>JR. PACMAN</b>	DATE <b>11/29/83</b>	REV <b>FULL</b>
	MECH. CHG.	DESIGNED BY	CHECKED BY
	ELECTR. CHG.	DRAWN BY	INSP. BY
	DATE	DATE	DATE

**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.O-5-1-0-0-A-2-9-B-0-1-4



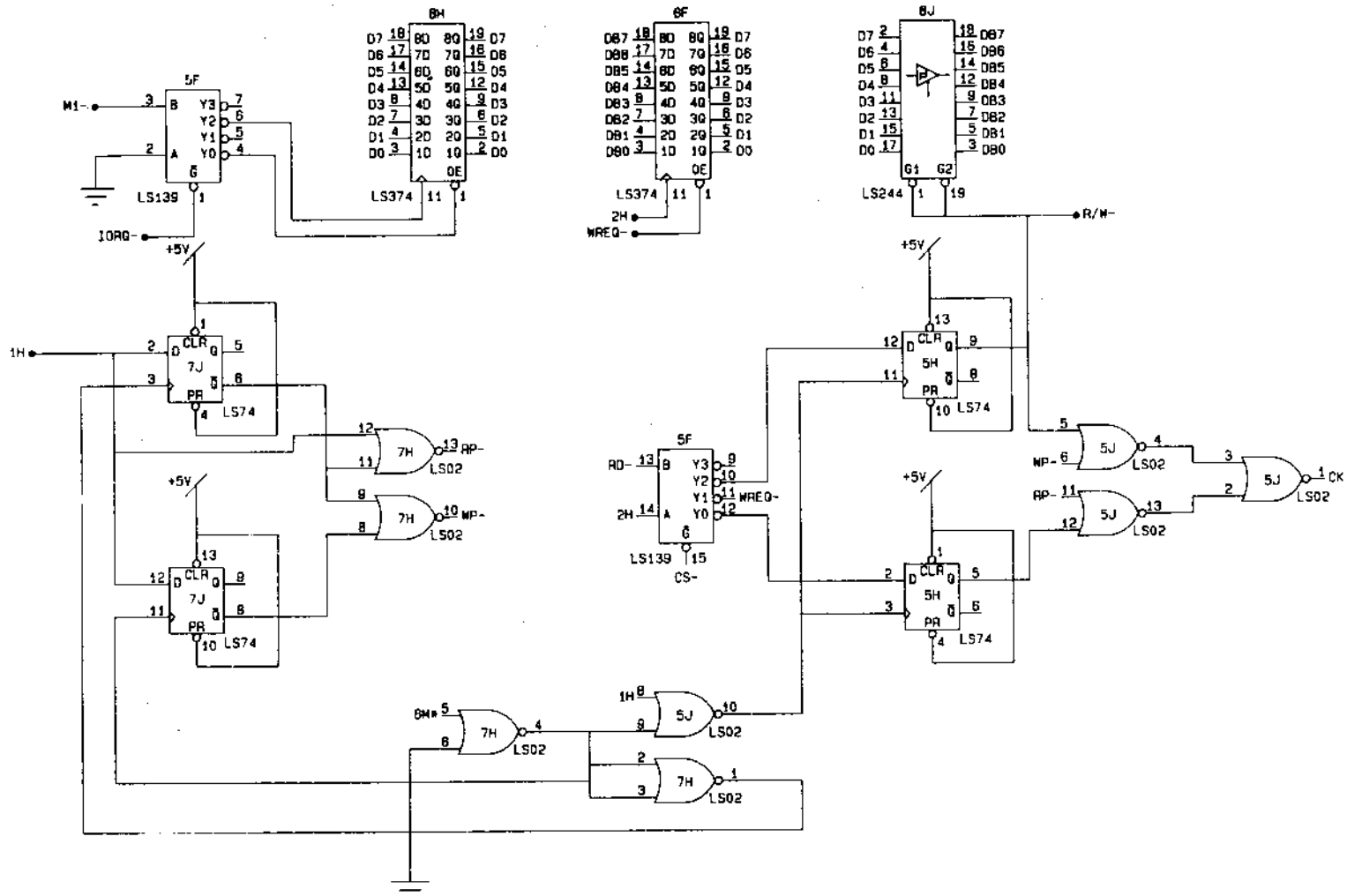
THIS LOGIC IS A TRADE SECRET AND PROPERTY OF BALLY/MIDWAY MFG. CO.

**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 DESIGNER <b>JR. PACMAN</b>	
DATE <b>11/29/83</b>	SCALE <b>FULL</b>
DESIGNED BY <b>TBB</b>	CHECKED BY
DATE	SCALE

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

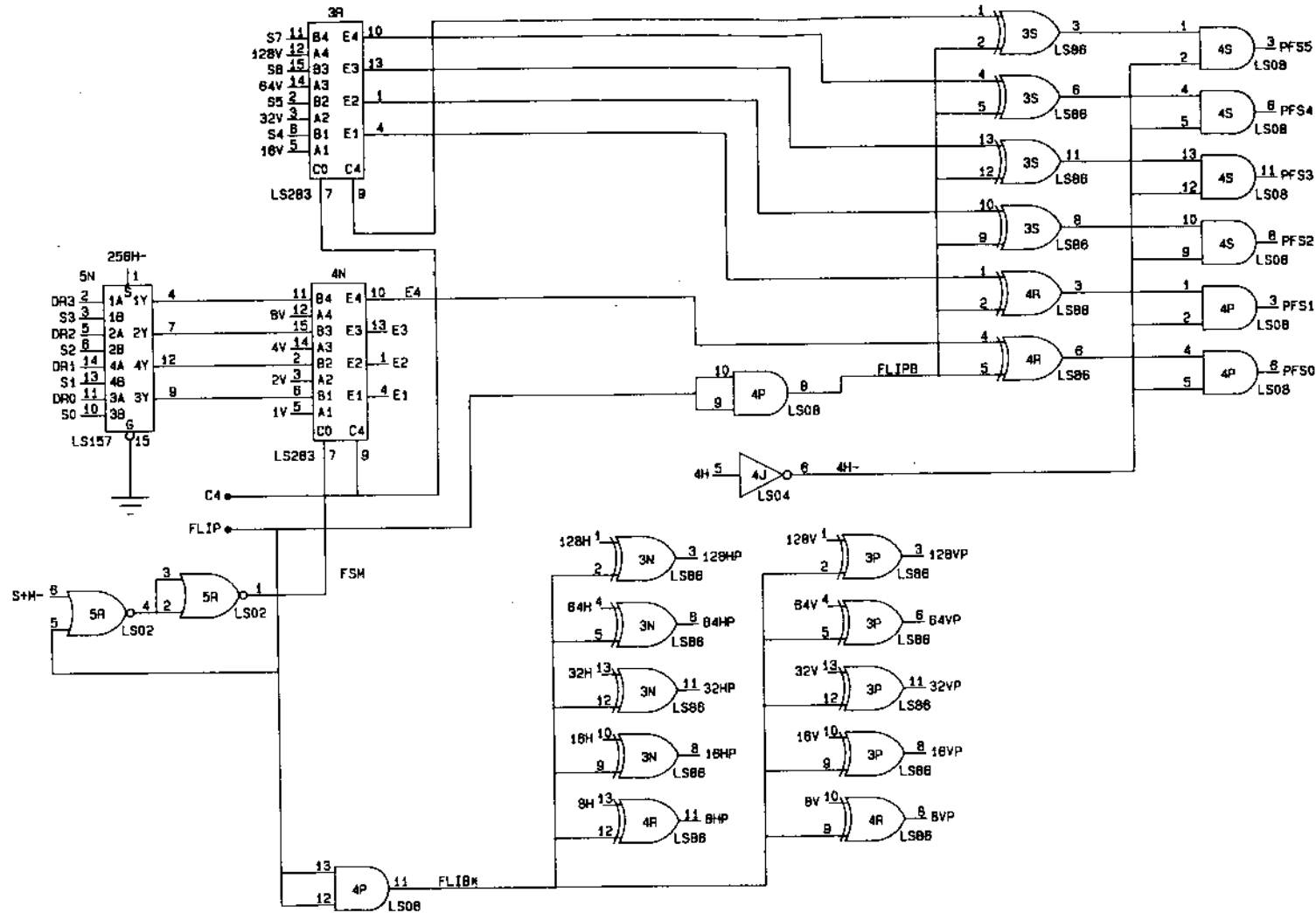
SHEET 3 OF 22	
ADDRESS	DECODE
REVISIONS	
PART NO	M-0-5-1-0-0-A-2-9-B-0-1-4



<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC CONCENTRICITY T1R 002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA + .002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>	FIRST USED ON <b>JR. PACMAN</b>	DATE <b>11/29/83</b>	SCALE <b>FULL</b>
	DRN <b>T88</b>	MFG. CHG.	FINISH
	ELEC. CHG.	FINISH	

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

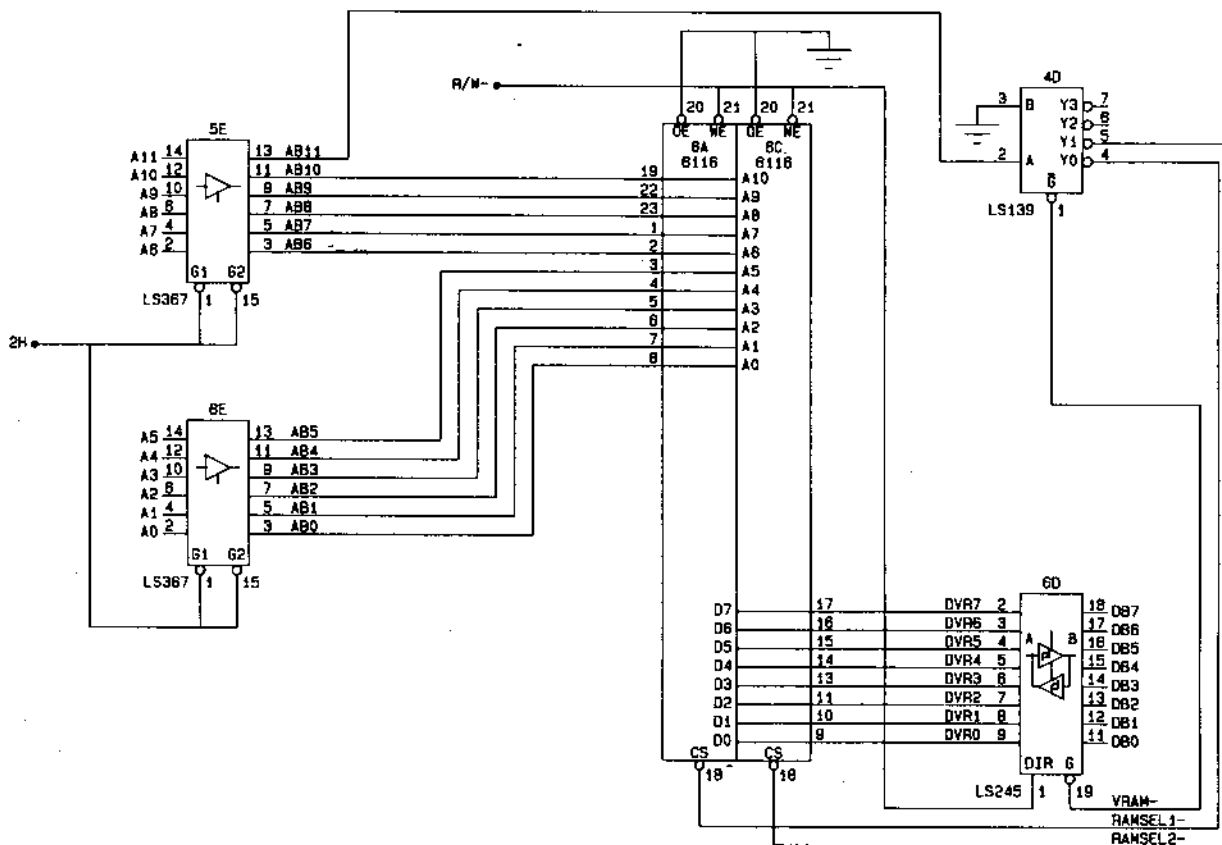
<b>SYNC BUS CONTROLLER</b>	
<b>REVISIONS</b>	
PART NO	M0-5-1-0-0-A-2-9-B-0-1-4



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SHEET 5 OF 22

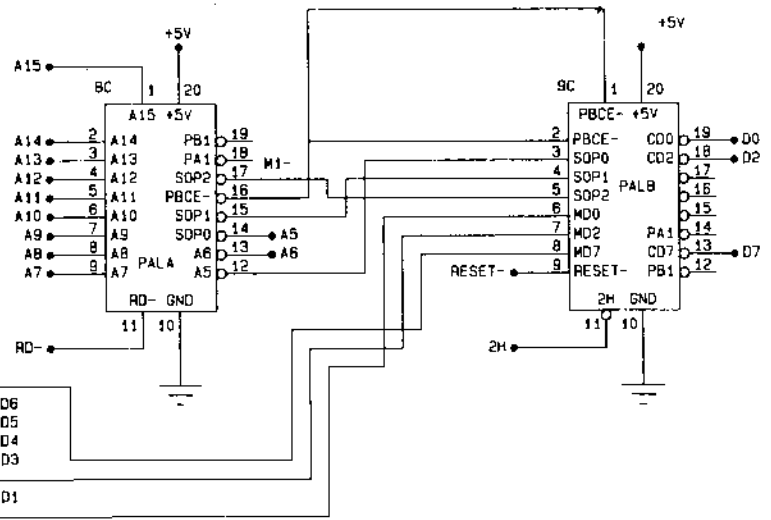
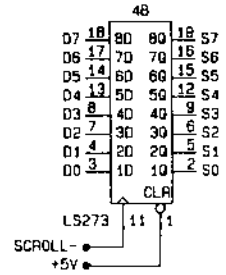
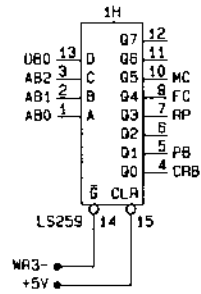
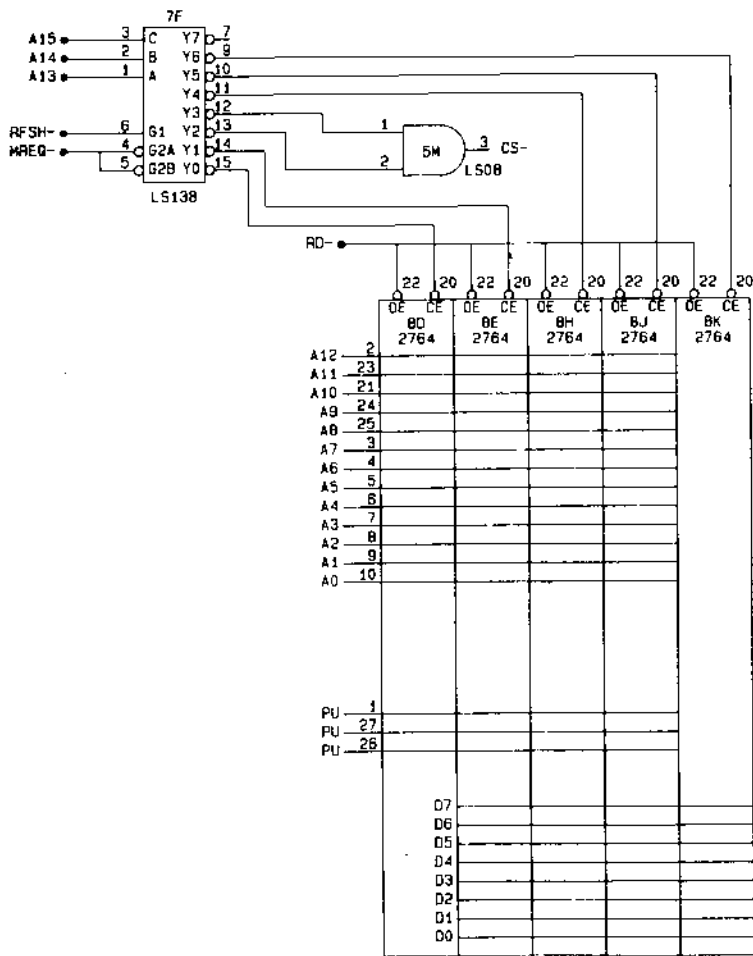
<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± .1/64 DECIMAL ± .005 HOLE DIA. +.002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>	FIRST USED ON <b>JR. PACMAN</b> DWN <b>TDG</b> DATE <b>12/08/83</b> SCALE <b>FULL</b>	<b>Bally/MIDWAY MFG. CO.</b> FRANKLIN PARK, IL 60131 <b>JR. PACMAN (CONVERSION)</b> <b>LOGIC P.C.</b> <b>A080-91688-CA29</b>	<b>SCROLLING / VIDEO</b> <b>REVISIONS</b>
	MECH. CHK. _____ MATL. _____ ELEC. CHK. _____ FINISH _____		PART NO <b>M0-5-1-0-0-A-2-9-C-0-1-0</b>



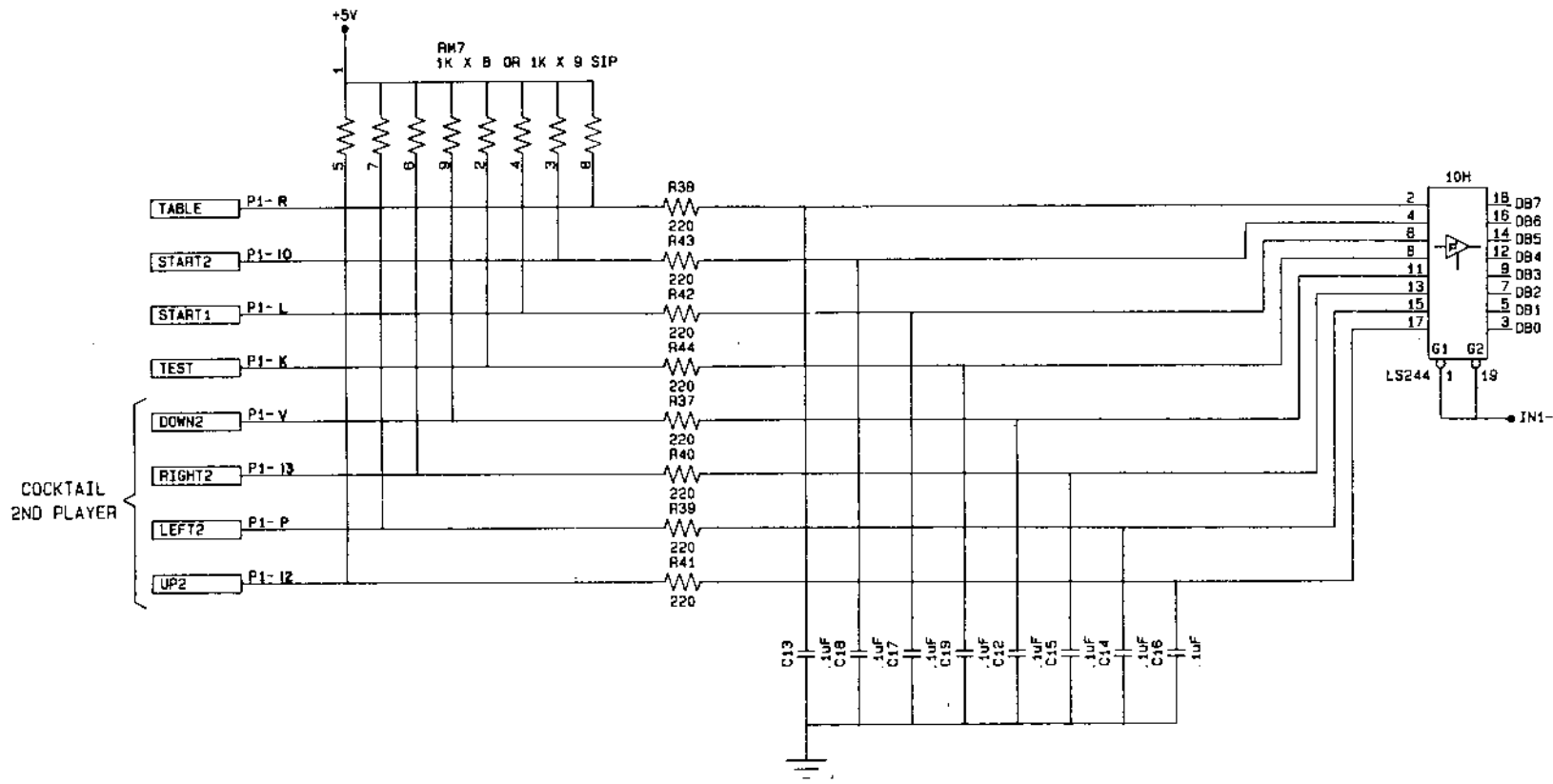
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SHEET 6 OF 22

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



DIM. TOLERANCES UNLESS OTHERWISE SPEC CONCENTRICITY TYP .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. +.002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.		PART NO. JR. PACMAN DATE 11/29/83 FULL REV. 100 DESIGNED BY CHECKED BY DRAWN BY	(Bally) MIDWAY MFG. CO. FRANKLIN PARK, IL 60131 JR. PACMAN (FIELD KIT) LOGIC PC A080-91694-BA29	SHEET 7 OF 22 ROM REVISIONS PART NO. M.O.5-1-0-0-A-2-9-B 0 1 4
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SHEET 8 OF 22

<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC CONCENTRICITY Y1R 002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA + .002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>	FIRST DESIGNER <b>JR. PACMAN</b>	DATE <b>11/29/83</b>	SCALE <b>FULL</b>
	URN <b>T80</b>	MECH CHN 	MAT:
	ELEC CHN 	FINISH 	

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

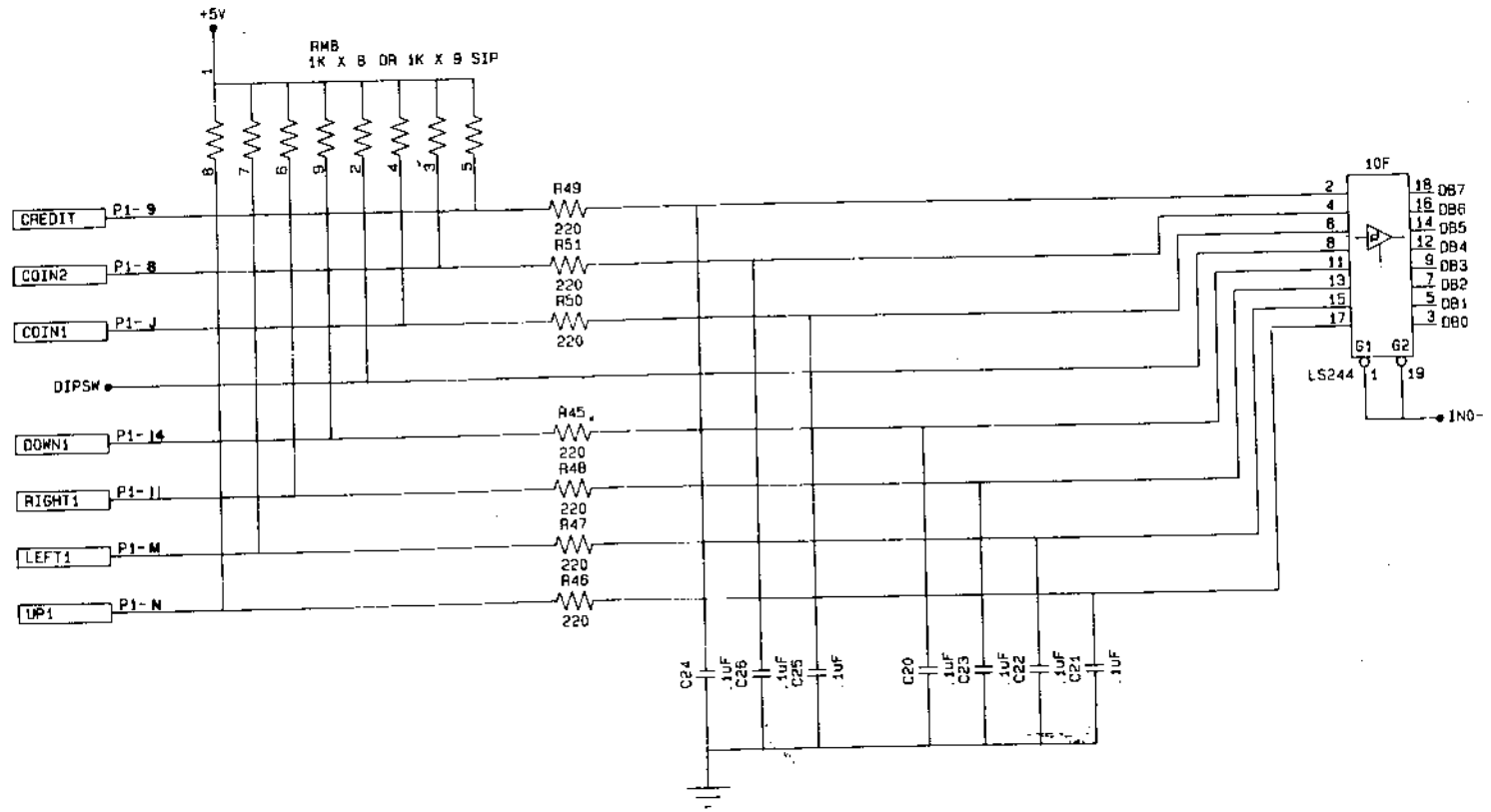
JR. PACMAN (FIELD KIT)  
LOGIC P.C.  
A080-91694-BA29

DIGITAL IN1

REVISIONS

PART NO  
M0-5-1-0-0-A-2-9-B-01-4





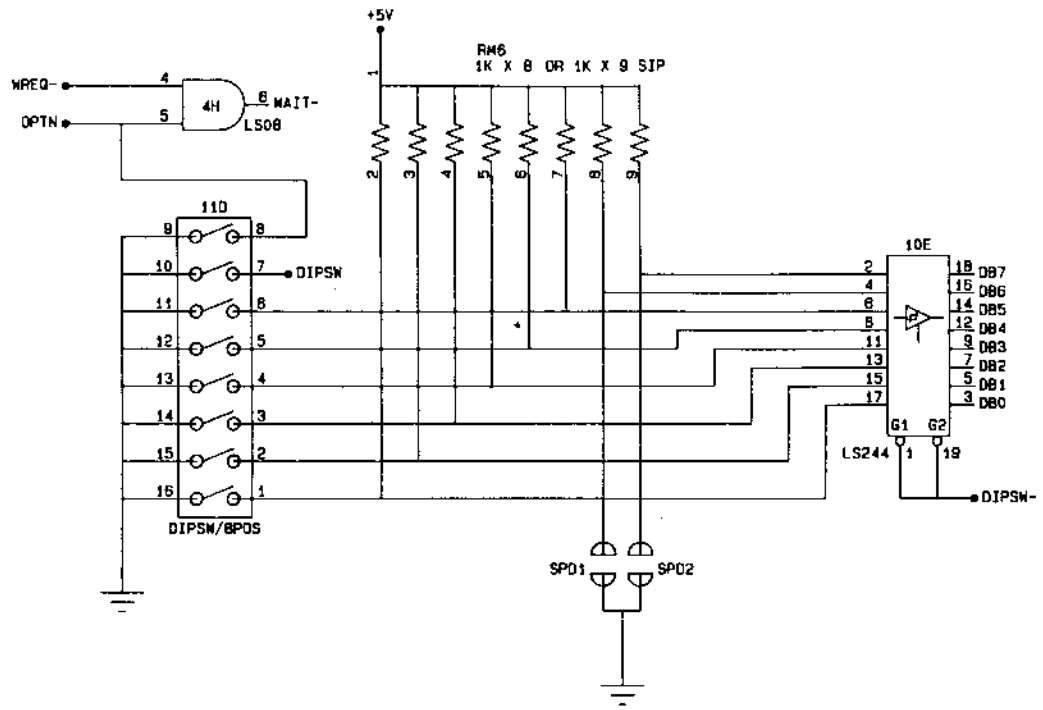
THIS DWG IS CONFIDENTIAL & PROPERTY OF BALLY/MIDWAY MFG. CO.

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

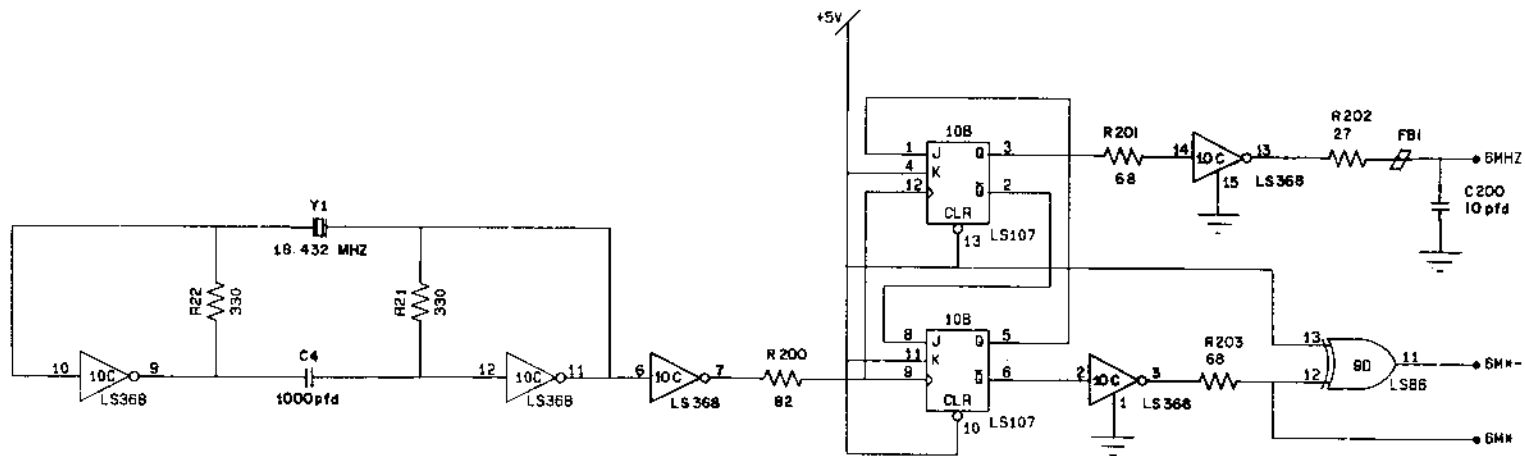
FIRST USED ON	JR. PACMAN	
DATE	11/29/83	SCALE FULL
DESIGNER	100	
WELDRMAN		
ELEC CHG		
MATL		
FINISH		

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

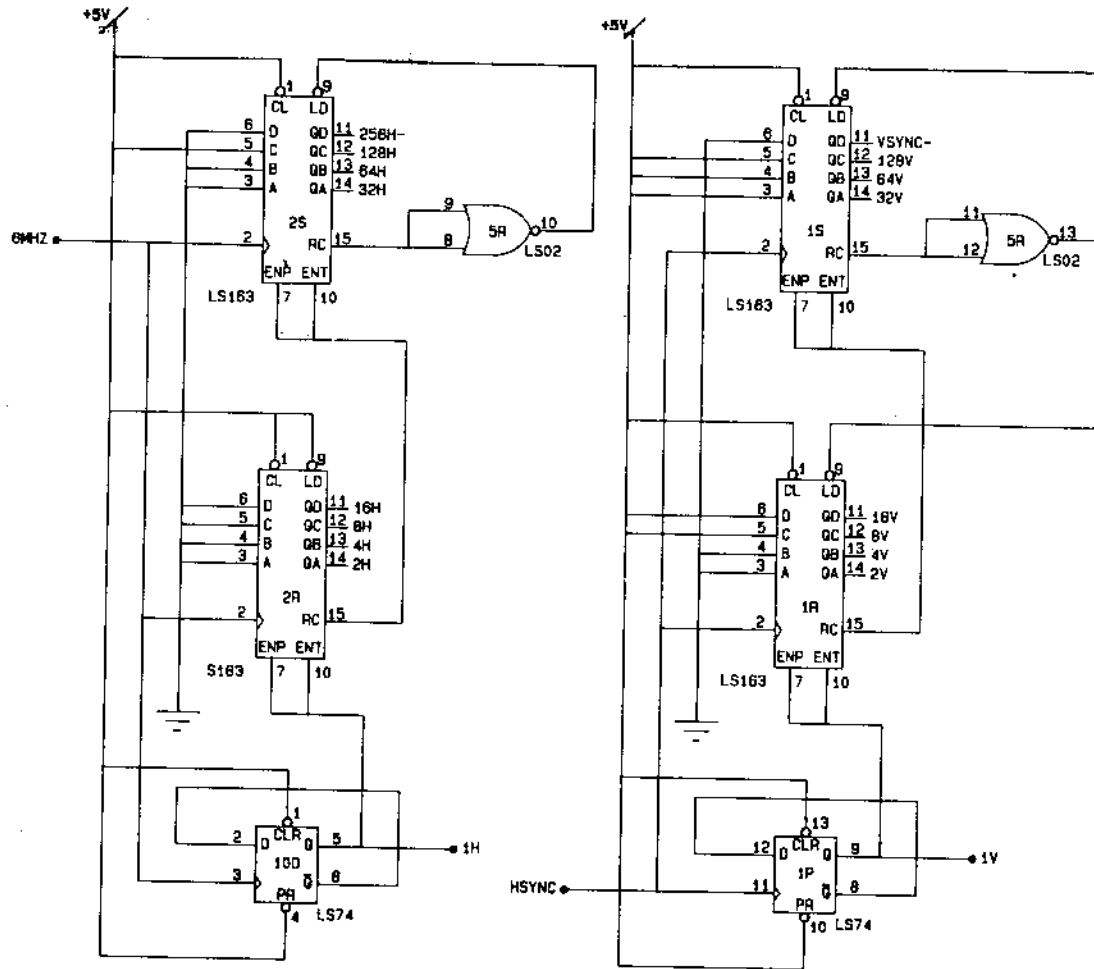
SHEET 9 OF 22	
DIGITAL IN2	
REVISIONS	
PART NO	M.O.5-1-00-A-2-9-B-0-1-4



<b>DIM TOLERANCES</b> UNLESS OTHERWISE SPEC CONCENTRICITY TIR .002 FRACTIONAL ± .154 DECIMAL ± .005 HOLE DIA +.002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>	FIRST USED ON <b>JR. PACMAN</b>	<b>Bally/MIDWAY MFG. CO.</b> <small>FRANKLIN PARK, IL 60131</small>		SHEET 10 OF 22
	DURN <b>TBB</b>	DATE <b>11/29/83</b>	SCALE <b>FULL</b>	<b>DIPSWITCH</b>
	MECH. CHG.	DATE	FINISH	<b>REVISIONS</b>
	ELEC. CHG.	DATE	FINISH	PART NO <b>M.O.5.1-0.0.A.2.9-B.0.1.4</b>
<b>JR. PACMAN (FIELD KIT)</b> <b>LOGIC P.C.</b> <b>A080-91694 - BA29</b>				

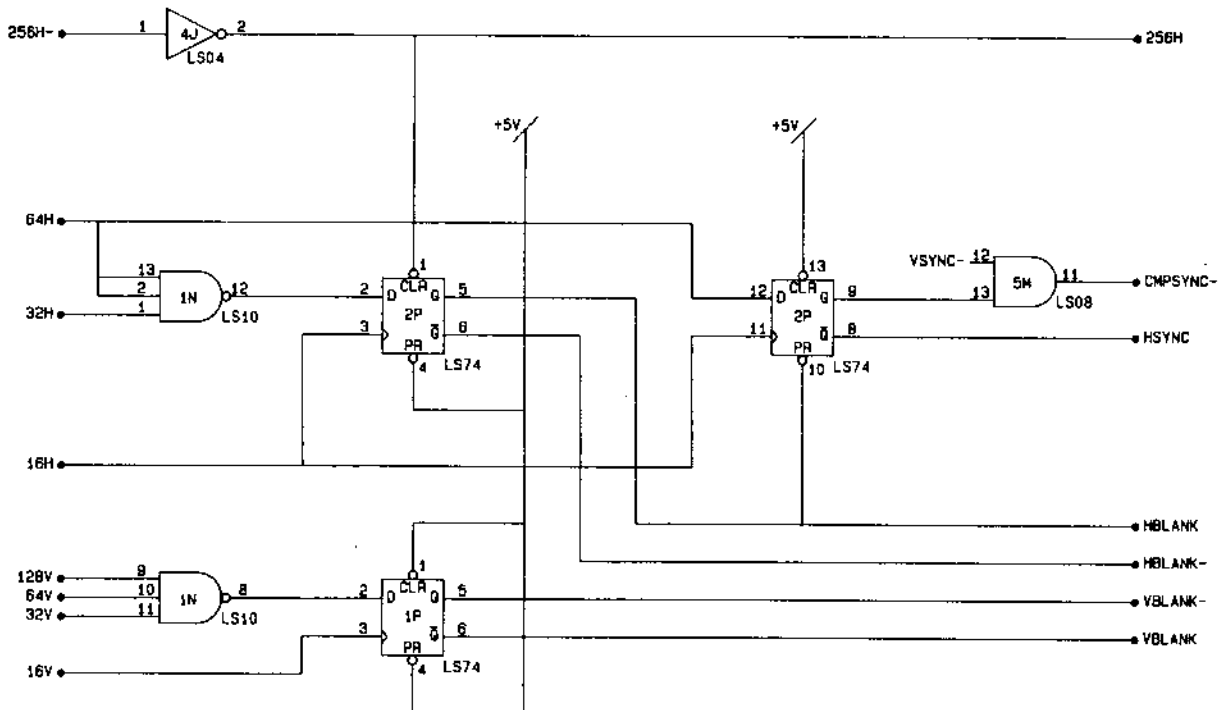


<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC CONCENTRICITY TIR .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.	PART NO. JR. PACMAN LTR. 788 MECH. CHG.	DATE 11/29/83 FULL	Bally/MIDWAY MFG. CO. FRANKLIN PARK, IL 60131	SHEET 11 OF 22
	FILE CHG.	MFG.	JR. PACMAN (FIELD KIT) LOGIC PC. A080-91694-BA29	CLOCK GENERATOR
				REVISIONS
				PART NO. M-0-5-1-0-0-A-2-9-B-0-1-4



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<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC CONCENTRICITY T1 R .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA + .002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>	PART USED IN <b>JR. PACMAN</b>	<i>Bally</i> /MIDWAY MFG. CO. FRANKLIN PARK, IL 60131	SHEET 12 OF 22		
	TURN <b>100</b>		DATE <b>11/29/83</b>	DRAWN BY <b>FULL</b>	<b>SYNC GENERATOR</b>
	MECH. CHK (blank)	ELEC. CHK (blank)	FINISH (blank)	<b>REVISIONS</b>	
	JR. PACMAN (FIELD KIT) LOGIC P.C. A0B0-91694-BA29			PART NO <b>M.O-5-1-0-0-A-2-9-B-0-1-4</b>	



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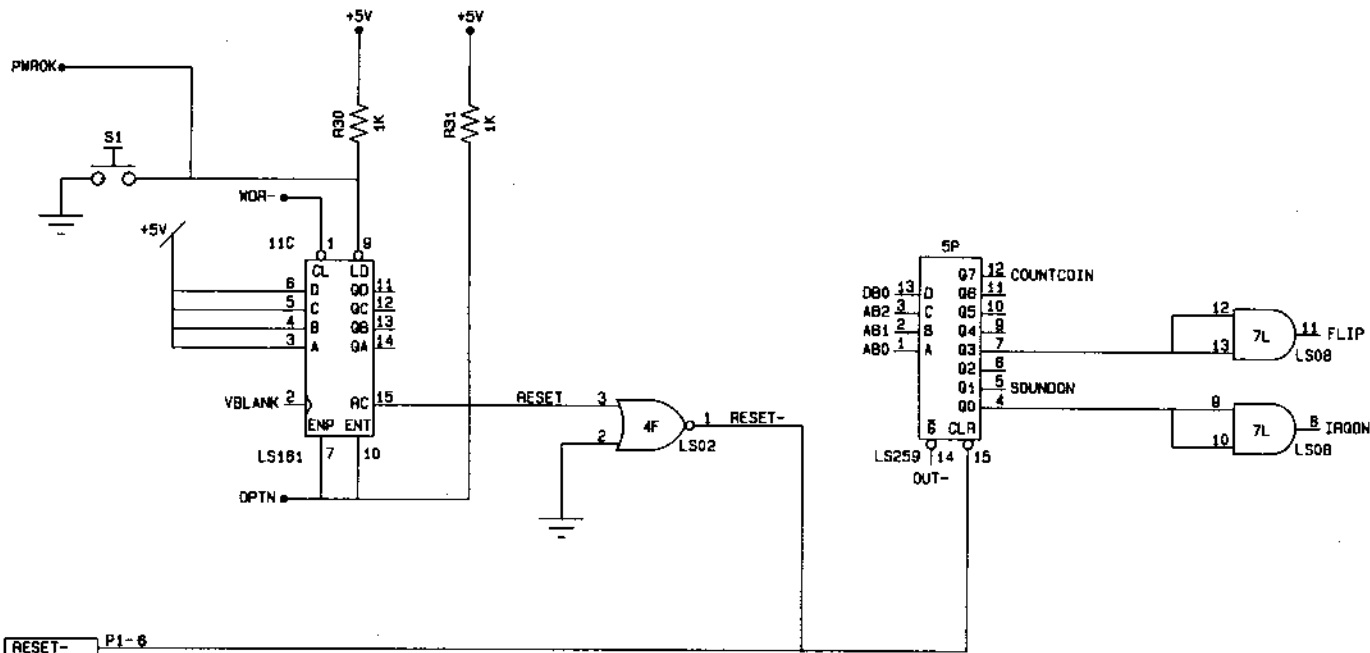
**DMT TOLERANCES**  
 UNLESS OTHERWISE SPEC.  
 CONCENTRICITY T.I.R. .002  
 FRACTIONAL ± 1/64  
 DECIMAL ± .005  
 HOLE DIA. ± .002 - .000  
 ANGLE ± 1/2°  
**DO NOT SCALE DWG.**

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

*Bally*/MIDWAY MFG. CO.  
 FRANKLIN PARK, N. J. 07131

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

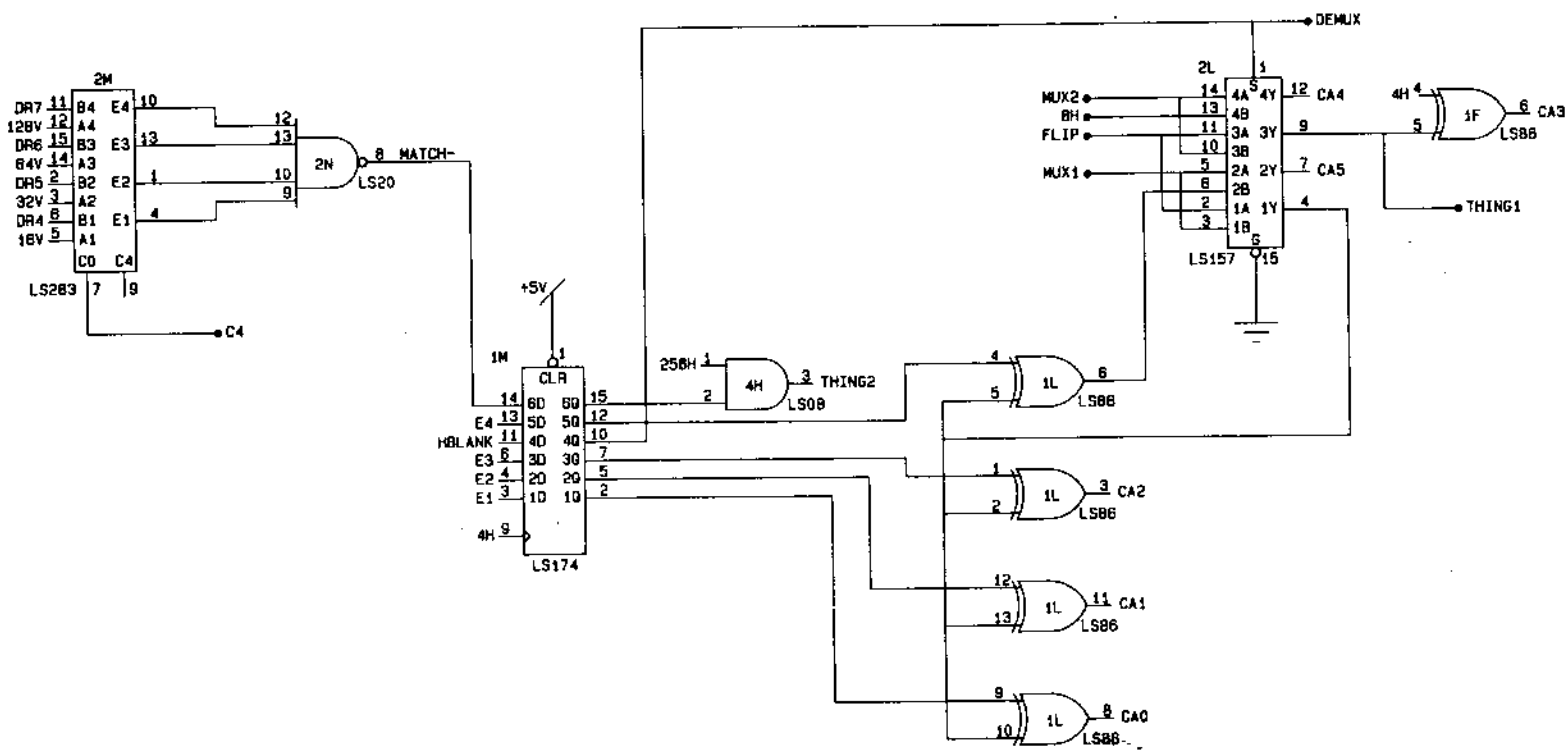
SHEET 13 OF 22	
BLANK GENERATOR	
REVISIONS	
PART NO	M-0-5-1-0-0-A-2-9-C-0-1-0



RESET- P1-6

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<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. ± .002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>		FIRST USED ON <b>JR. PACMAN</b> DRW <b>100</b> DATE <b>12/08/83</b> SCALE <b>FULL</b>	<b>Bally/MIDWAY MFG. CO.</b> FRANKLIN PARK, IL 60131	<b>SHEET 14 OF 22</b>
MECH CHK _____ MAT'L _____ ELEC CHK _____ FINISH _____			<b>JR. PACMAN (CONVERSION)</b> <b>LOGIC P.C.</b> <b>A080-91688-CA29</b>	<b>RESET IRQ</b>
PART NO <b>M051-00A-29-C010</b>				<b>REVISIONS</b>

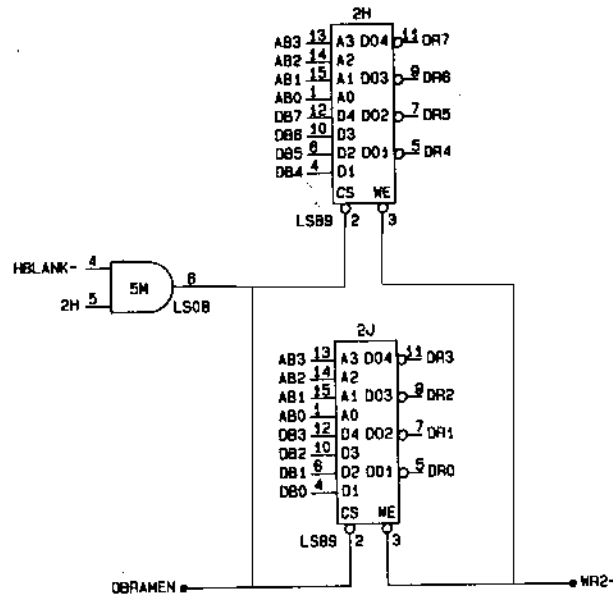


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SHEET 15 OF 22	
VERT. ADDRESS TIMING	
REVISIONS	
PART NO	MO-5-1-0-0-A-2-9-C-0-1-0

DIM. TOLERANCES UNLESS OTHERWISE SPEC CONCENTRICITY T.I.R. .002 FRACTIONAL ± .004 DECIMAL ± .005 HOLE DIA. ± .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.		FIRST USED ON DRW 700 MECH CHK ELEC CHK	JR. PACMAN DATE 12/08/83 SCALE FULL MATT FINISH
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*Bally/MIDWAY* mfg. co.  
FRANKLIN PARK, IL 60131  
JR. PACMAN (CONVERSION)  
LOGIC P.C.  
A080-91688-CA29

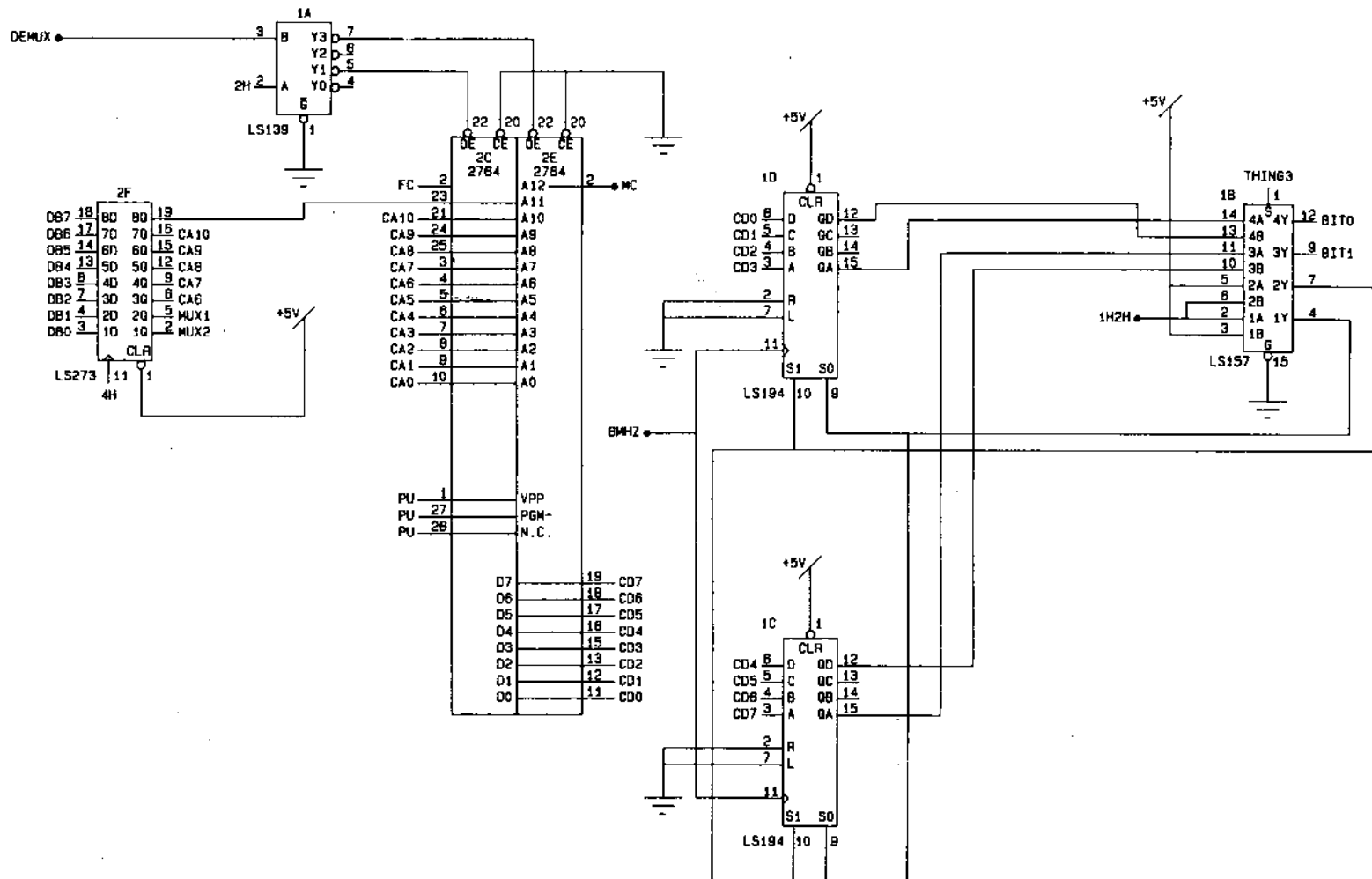


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SHEET 16 OF 22

<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA. +.002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>	FIRST USED ON <b>JR. PACMAN</b>	DATE <b>12/08/83</b>		SCALE <b>FULL</b>	<i>Bally</i> / <b>MIDWAY MFG. CO.</b> FRANKLIN PARK, IL 60131	<b>OBJECT RAM</b>	<b>REVISIONS</b>
	DWN <b>TBB</b>	MECH CHR	MAIL	ELEC CHR			
					<b>JR. PACMAN (CONVERSION)</b> <b>LOGIC P.C.</b> <b>A080-91688-CA29</b>		

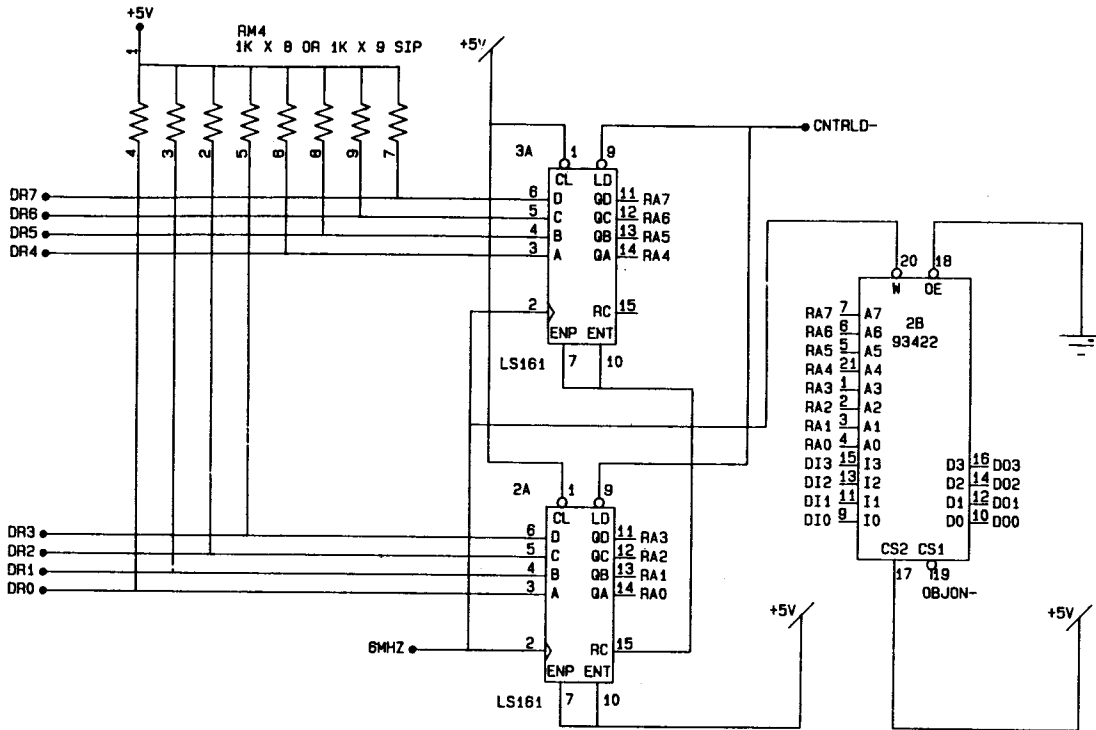




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SHEET 17 OF 22

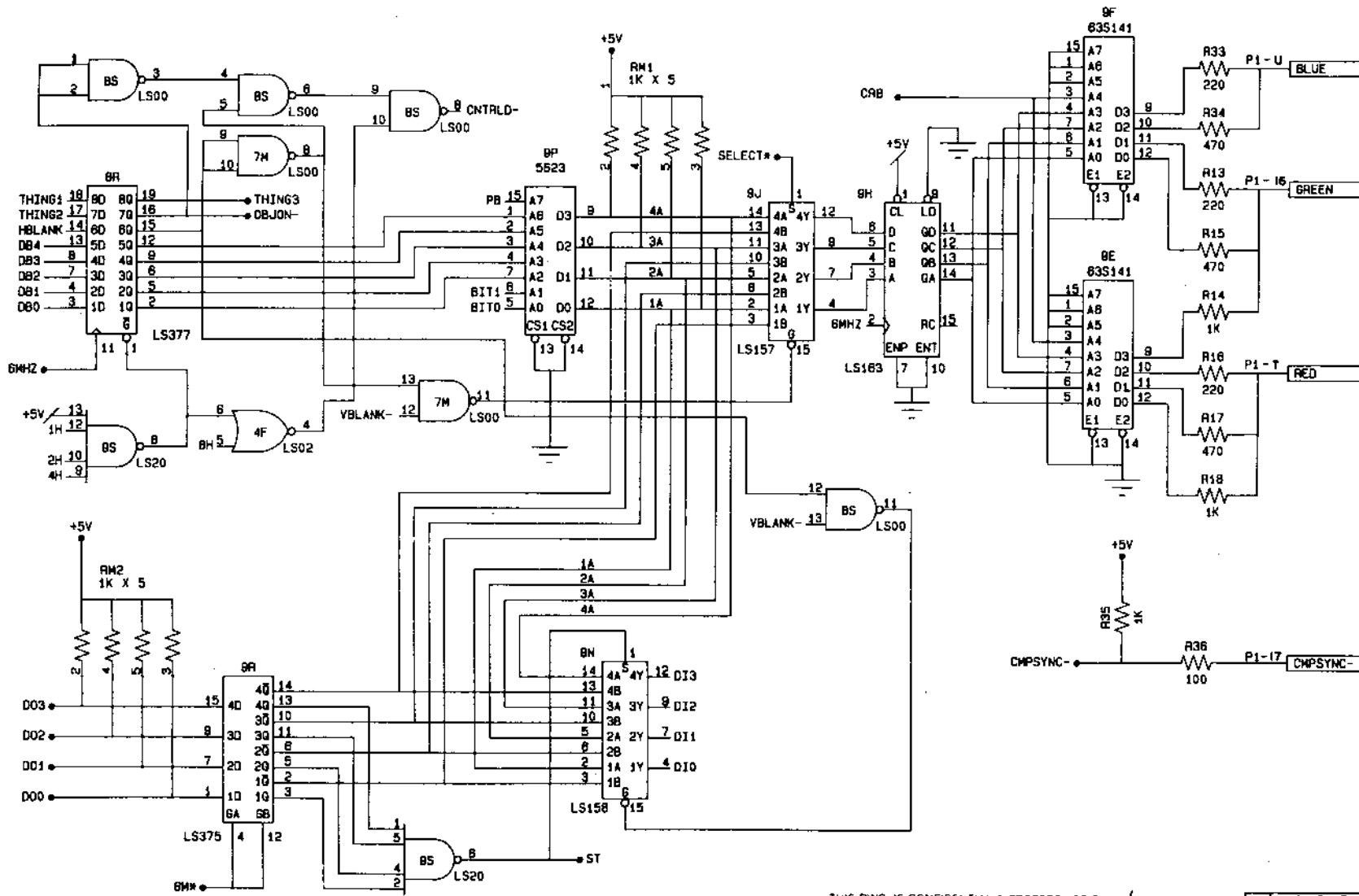
<b>DM. TOLERANCES</b> UNLESS OTHERWISE SPEC. CONCENTRICITY T.I.R. .002 FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA ± .002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>	PART USED ON <b>JR. PACMAN</b> DRN <b>TBO</b> DATE <b>12/08/83</b> SCALE <b>FULL</b>	<b>Bally/MIDWAY MFG. CO.</b> FRANKLIN PARK, IL 60131 <b>JR. PACMAN (CONVERSION)</b> <b>LOGIC P.C.</b> <b>A080-91688-CA29</b>	<b>OBJECT ROM</b>			
	MECH CHK _____ MATL _____ ELEC CHK _____ FINISH _____		<b>REVISIONS</b>			
	PART NO <b>M05-1-00A29-C010</b>					



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

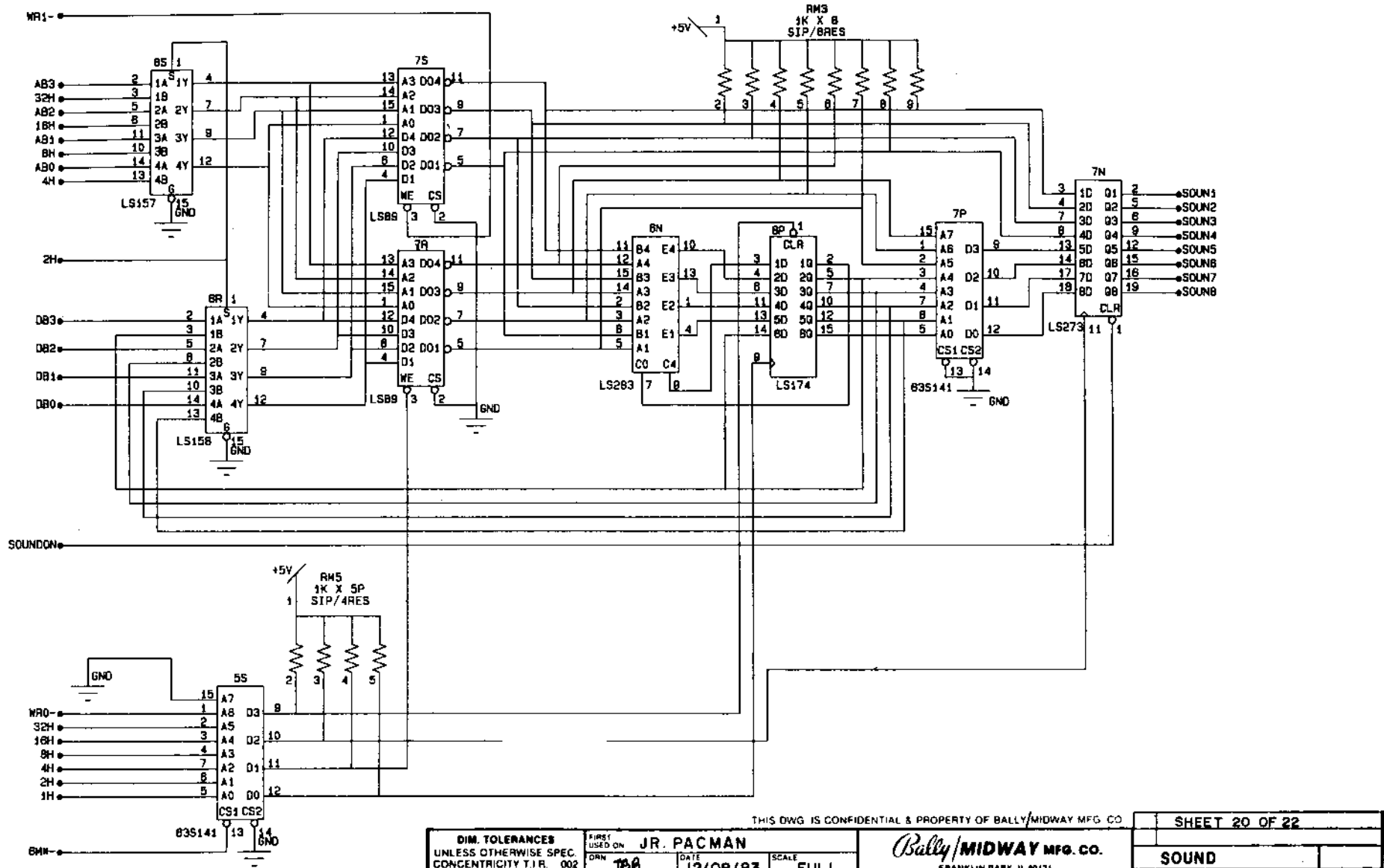
SHEET 18 OF 22

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



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<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC. CONCENTRICITY T. R. .002 FRACTIONAL ± .004 DECIMAL ± .005 HOLE DIA. + .002 - .000 ANGLE ± 1/2° <b>DO NOT SCALE DWG.</b>		FIRST USED ON <b>JR. PACMAN</b> DWG <b>780</b> DATE <b>12/08/83</b> SCALE <b>FULL</b>	<b>Bally/MIDWAY MFG. CO.</b> FRANKLIN PARK, IL 60131	<b>SHEET 19 OF 22</b>
			<b>JR. PACMAN (CONVERSION)</b> <b>LOGIC P.C.</b> <b>A080-91688-CA29</b>	<b>COLOR ROM</b>
				<b>REVISIONS</b>
				PART NO <b>M.O.5-1-0-0-A-2-9-C-0-1-0</b>

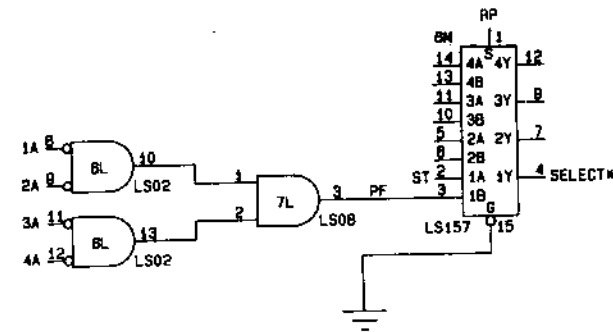
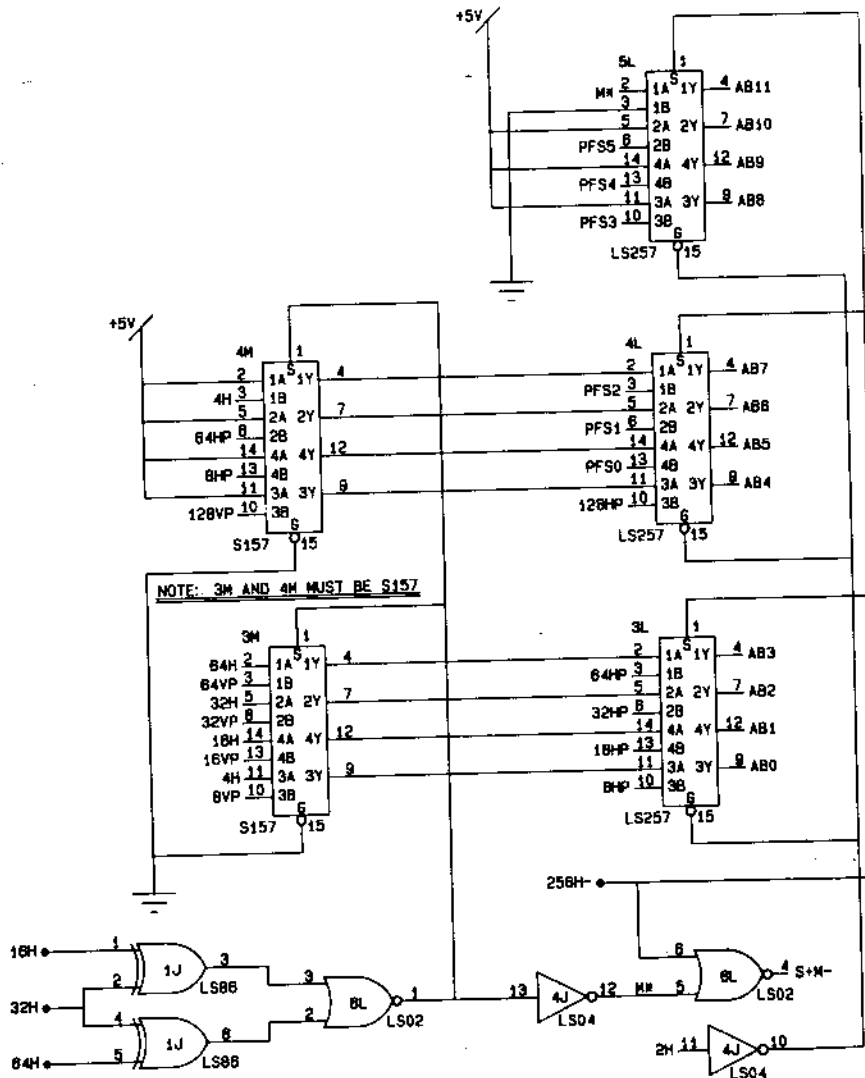


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SHEET 20 OF 22	
SOUND	
REVISIONS	
PART NO	M051-00A-29-C010

<b>DIM. TOLERANCES</b> UNLESS OTHERWISE SPEC. CONCENTRICITY T.J.R. .002 FRACTIONAL ..... ± 1/64 DECIMAL ..... ± .005 HOLE Ø/A ..... +.002 - .000 ANGLE ..... ± 1/2° <b>DO NOT SCALE DWG.</b>	FIRST USED ON <b>JR. PACMAN</b> DRN <b>700</b> DATE <b>12/08/83</b> SCALE <b>FULL</b>
	MECH. CHR. _____ MATL _____
	ELEC. CHR. _____ FINISH _____
	_____

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

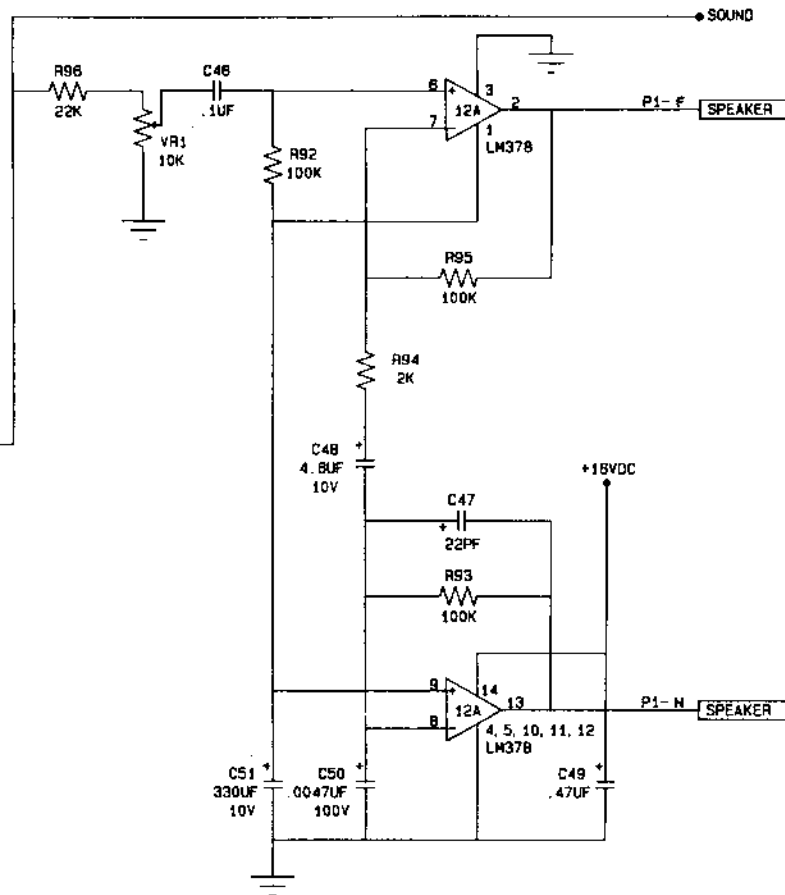
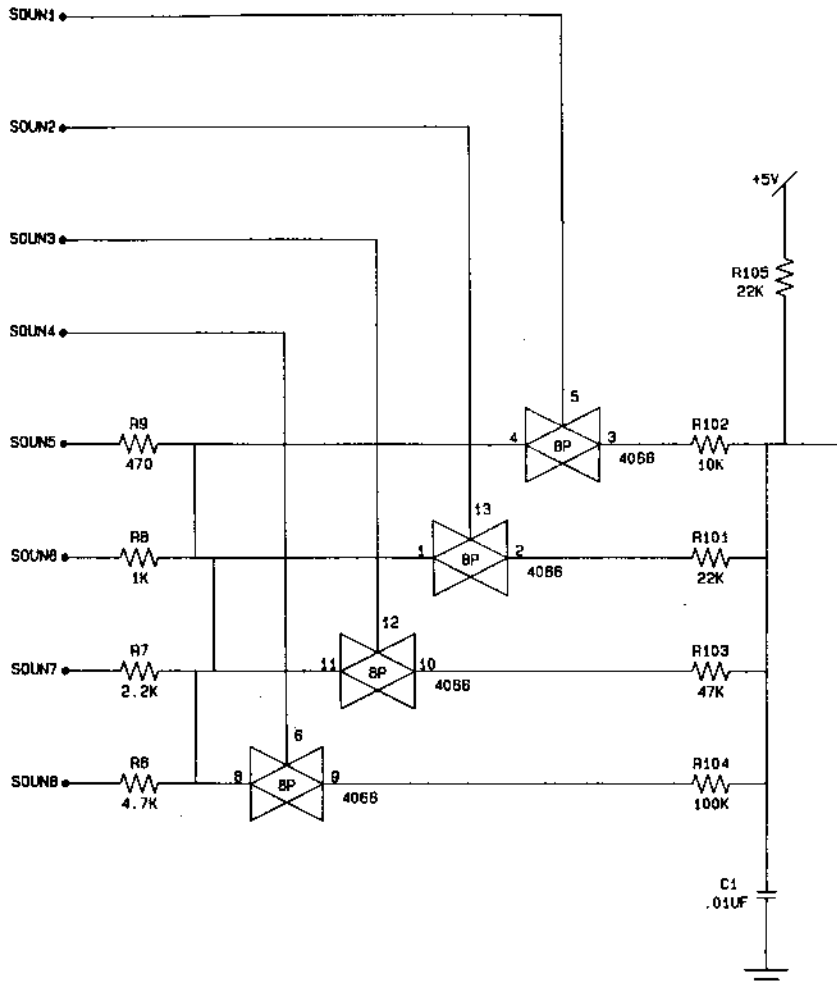


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SHEET 21 OF 22			
<b>PROMPT / STAMP VIDEO</b>			REVISIONS
PART NO M.O.5.1-0.0.A-2.9-C.O.1-0			

DIM TOLERANCES UNLESS OTHERWISE SPEC. FRACTIONAL ± 1/64 DECIMAL ± .005 HOLE DIA ± .002 - .000 ANGLE ± 1/2° DO NOT SCALE DWG.		FIRST USED ON <b>JR. PACMAN</b> DATE <b>12/08/83</b> SCALE <b>FULL</b>	
MECH CHR		MATE	
ELEC CHR		FINISH	

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



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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		
DRN	100	DATE	12/08/83
MECH CHK		MATL	
ELEC CHK		FINISH	

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

AUDIO AMPLIFIER	
REVISIONS	
PART NO	M.O-5-1-00-A-2-9-C.O-1-0