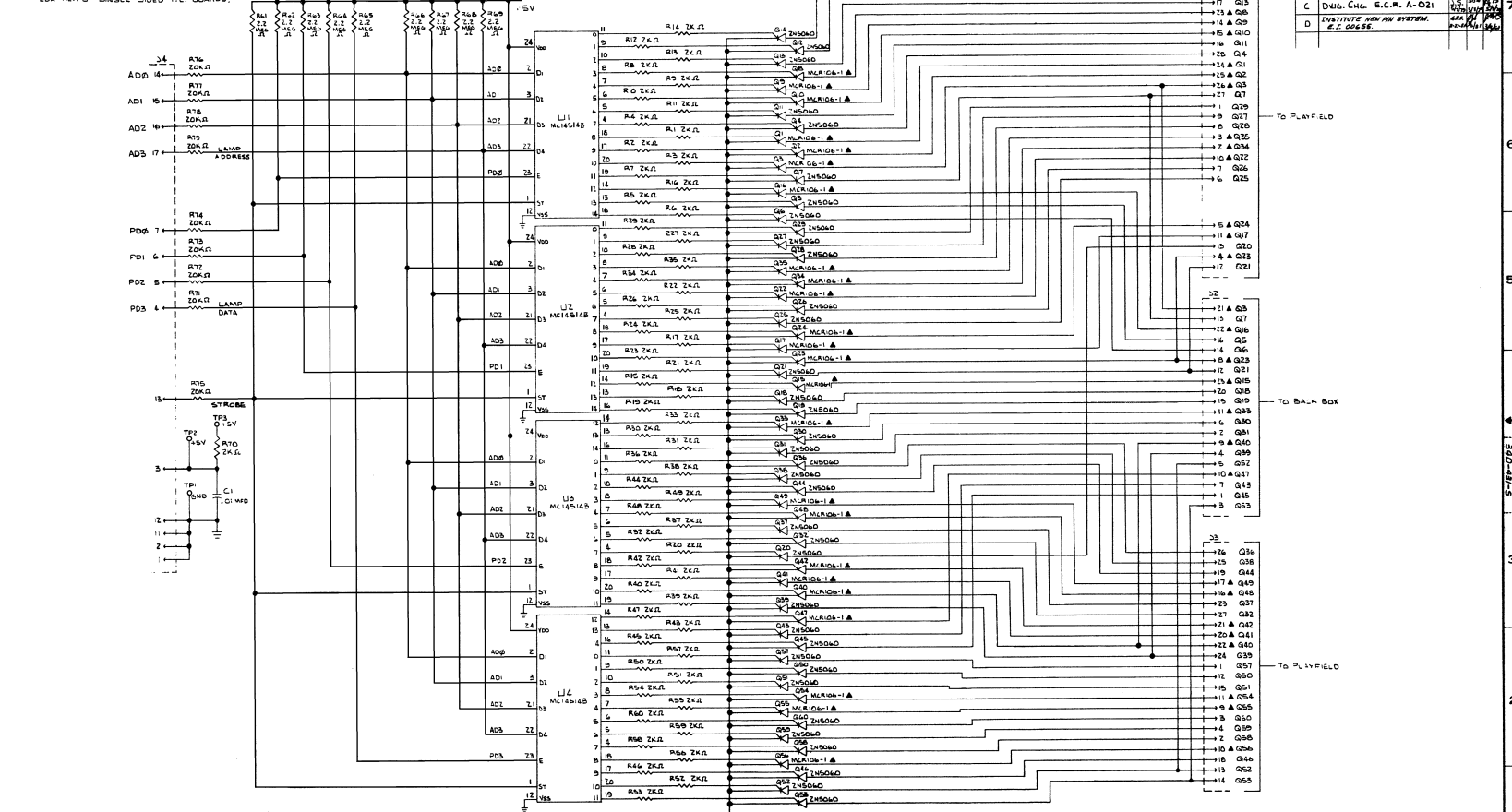


- NOTES:
- ▲ INDICATES MCR106-1 TRANSISTOR.
 - THIS DOCUMENT FOR LDA-100 REV. A AND LDA-REV. B SINGLE SIDED P.C. BOARDS.



REVISIONS			
NO.	DESCRIPTION	DATE	BY
A	ISSUED, E.C.P. A-004	3/24/64	W.P.
B	DNIG. CHG. E.C.P. A-012	5/14/64	W.P.
C	DNIG. CHG. E.C.P. A-021	5/28/64	W.P.
D	INSTITUTE NEW PU SYSTEM	4/24/65	W.P.
	E.T. 0088.		

DESCRIPTION	WIRE COLOR	JACK LDA	PIN NO.	SCR	IC	PIN NO.	CODE
DROP TARGET 1	BRN-B	J1	18	Q14	U1	11	0000
BLU-R	J1	1	Q29	U2	11	0000	
DROP TARGET 2	B	J3	26	Q36	U3	11	0000
DROP TARGET 3	R-G	J3	1	Q57	U4	11	0000
DROP TARGET 4	GREY-G	J1	19	Q12	U1	9	0001
DROP TARGET 5	GREY	J1	9	Q27	U2	9	0001
DROP TARGET 6	R-Y	J3	25	Q38	U3	9	0001
DROP TARGET 7	G-R	J3	12	Q50	U4	9	0001
DROP TARGET 8	PUR	J1	17	Q13	U1	10	0010
WOW TARGET 1	W-O	J1	8	Q28	U2	10	0010
WOW TARGET 2	B-R	J3	19	Q44	U3	10	0010
WOW TARGET 3	W-B	J3	15	Q51	U4	10	0010
WOW TARGET 4	BLU-W	J1	23	Q8	U1	8	0011
WOW TARGET 5	G-O	J1	3	Q35	U2	8	0011
WOW TARGET 6	Y-BLU	J3	17	Q49	U3	8	0011
WOW TARGET 7	W	J3	11	Q54	U4	8	0011
BONUS TARGET 8	O	J1	14	Q9	U1	7	0100
SPECIAL TARGET 2	PUR-W	J1	2	Q34	U2	7	0100
SPECIAL TARGET 3	R-B	J3	16	Q48	U3	7	0100
SPECIAL TARGET 4	B-O	J3	9	Q55	U4	7	0100
SPECIAL TARGET 5	GREY-Y	J1	15	Q10	U1	6	0101
SPECIAL TARGET 6	GREY-B	J1	10	Q22	U2	6	0101
SPECIAL TARGET 7	O-B	J3	23	Q37	U3	6	0101
SPECIAL TARGET 8	R	J3	3	Q60	U4	6	0101
MULTIPLIER 1X	B	J1	16	Q11	U1	5	0110
MULTIPLIER 2X	Y-G	J1	7	Q26	U2	5	0110
MULTIPLIER 4X	O-W	J3	27	Q32	U3	5	0110
LOOP 10K	R-W	J3	4	Q59	U4	5	0110
LOOP 20K	B-W	J1	28	Q4	U1	4	0111
LOOP 30K	BRN-R	J1	6	Q25	U2	4	0111
LOOP 40K	W-BLU	J1	13	Q20	U3	4	0111
LOOP 177K	Y-B	J3	2	Q58	U4	4	0111
BONUS TARGET 8 & LEFT. BANK	BRN-BLU	J1	24	Q1	U1	18	1000
BONUS TARGET 7	BLU-O	J1	5	Q24	U2	18	1000
BONUS TARGET 6	B-G	J3	21	Q42	U3	18	1000
BONUS TARGET 5 & CAPTURE BALL	GREY-B	J3	10	Q56	U4	18	1000
BONUS TARGET 4	PUR-B	J1	25	Q2	U1	17	1001
BONUS TARGET 3	B-O	J1	11	Q17	U2	17	1001
BONUS TARGET 2	W-O	J3	20	Q41	U3	17	1001
BONUS TARGET 1	R-BLU	J3	18	Q46	U4	17	1001
R. BANK 7000 & L. OUTLANE	G	J2	21	Q3	U1	20	1010
SHOOT AGAIN	GREY-R	J2	8	Q23	U2	20	1010
TOP BANK L. WOW	W-BLU	J2	9	Q40	U3	20	1010
1-8 LITES SPECIAL	B-Y	J2	5	Q52	U4	20	1010
SPINNER 1	GREY-G	J2	13	Q7	U1	19	1011
SPINNER 2	W-R	J2	12	Q21	U2	19	1011
SPINNER 3	PUR-B	J2	4	Q39	U3	19	1011
SPINNER 4	B-W	J2	3	Q53	U4	19	1011
HIGH SCORE TO DATE	GREY-O	J2	22	Q16	U1	14	1100
L. BANK 7000 & R. OUTLANE	O-BLU	J2	23	Q15	U2	14	1100
GAME OVER	GREY-W	J2	11	Q33	U3	14	1100
TILT	GREY-B	J2	10	Q47	U4	14	1100
SUPER BONUS	B	J2	16	Q5	U1	13	1101
TOP DEAD BUMPER	O	J2	20	Q18	U2	13	1101
R. RETURN LANE & SPOT NO.	Y	J2	6	Q30	U3	13	1101
L. RETURN LANE & SPOT NO.	BLU-W	J2	7	Q43	U4	13	1101
R. BANK BOTTOM WOW	G-R	J2	14	Q6	U1	16	1110
R. BANK TOP WOW	G-W	J2	15	Q19	U2	16	1110
TOP BANK R. WOW	B-G	J2	2	Q31	U3	16	1110
MATCH	GREY-Y	J2	1	Q45	U4	16	1110

DATE: 11/1/64	TOLERANCE: ALL RESISTORS UNLESS OTHERWISE SPECIFIED	DESIGNED BY: J. SMITH 12470	INTEGRAL RESEARCH LABORATORIES AND SYSTEM ELECTRONICS COMPANY 1000 WEST VALLE BLVD. SUITE 100 SANTA ANA, CALIF. 92705
APPROVED BY: J. SMITH 12470	SCALE: 1/8" = 1"	NAME: J. L. Papp	PROJECT NO: 340-431-5
DATE: 11/1/64	SCALE: 1/8" = 1"	NAME: J. L. Papp	PROJECT NO: 340-431-5
DATE: 11/1/64	SCALE: 1/8" = 1"	NAME: J. L. Papp	PROJECT NO: 340-431-5

Nine Ball Schematic Lamp Driver Board

SCALE: 1/8" = 1"

DATE: 11/1/64

PROJECT NO: 340-431-5

SHEET 1 OF 1