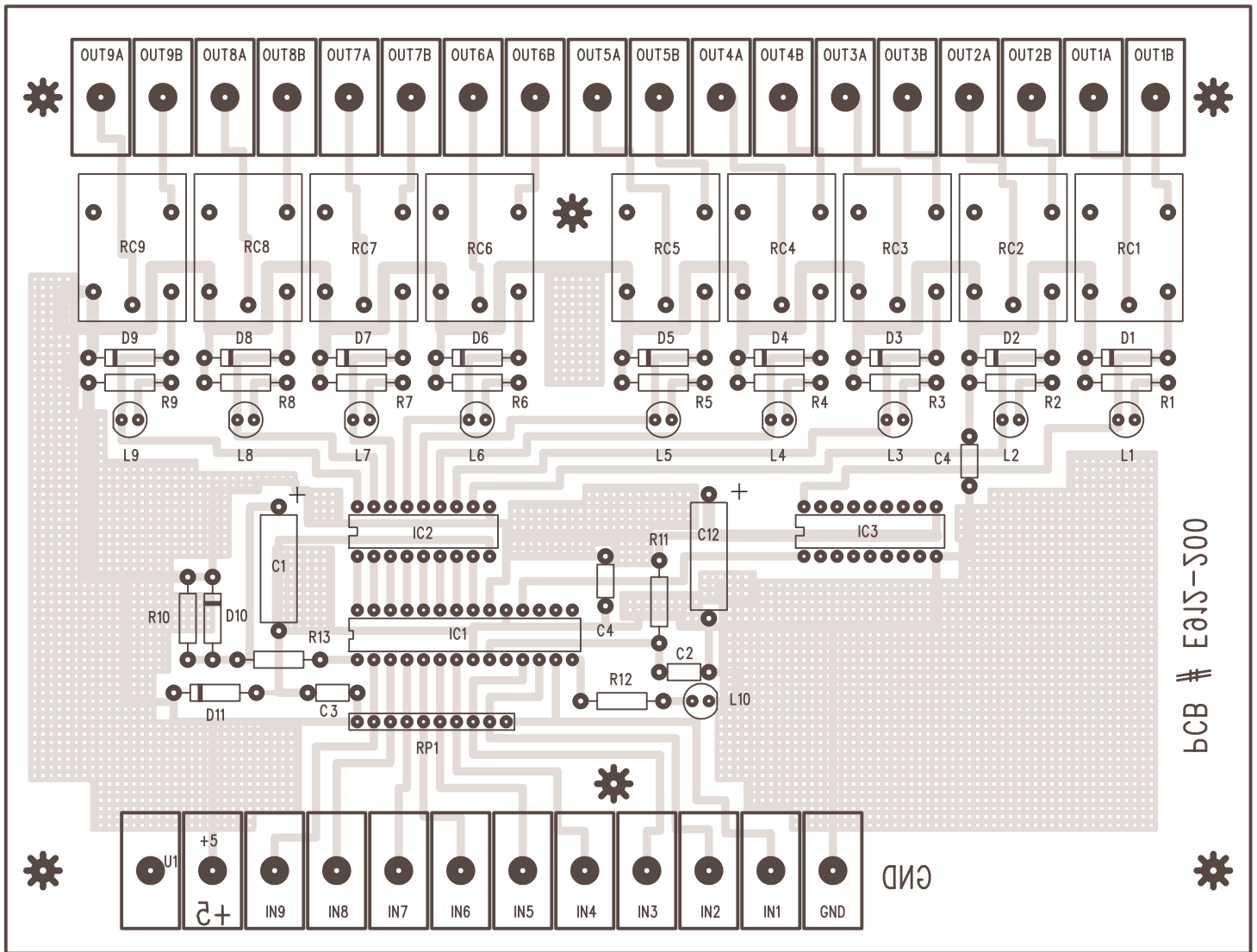


NOTES:

THIS CIRCUIT IS PROGRAMMED TO CONVERT LO-TRUE MOMENTARY INPUTS TO ALTERNATE-ACTION CONTACT CLOSURES.

AD		AUTOMATION DISPLAYS INC.	
ALT-ACTION SWITCH CONVERTER CIRCUIT			
D	DRAWN BY: RPL	DWG # E912-200	
DATE:	26 MAY 98	SHEET 1 OF 1	



REFD	QTY	DESCRIPTION
E912-200	1	Single-sided PCB (5.75" x 7.60")
IC1	1	PIC 16C73 microprocessor
	1	28-pin .300" DIP socket for IC1
IC2-3	2	ULN 2803 driver chip
	2	18-pin .300" socket for IC2-3
RC1-RC9	9	Omron G5L-114P-PS-DC5 relay
R1-R9	9	330 ohm 1/4 W resistor
R10-R11	2	10K ohm 1/4 W resistor
R12	1	330 ohm 1/4 W resistor
RP1	1	1K x 9 SIP resistor package
D1-D11	11	1N4004 diode
L1-L9	9	Yellow T1-3/4 LED
L10	1	Green T1-3/4 LED
C1	1	1 uF, 50V electrolytic capacitor
C2	1	20 pF ceramic disk capacitor
C3-C4	2	0.1 uF ceramic disk capacitor
C5	1	6.8 uF, 50V electrolytic capacitor
	1	12-Position SSB-6 barrier strip
	1	18-Position SSB-6 barrier strip

COMPONENT LOADING DIAGRAM FOR PCB #E912-200
14 MAY 98