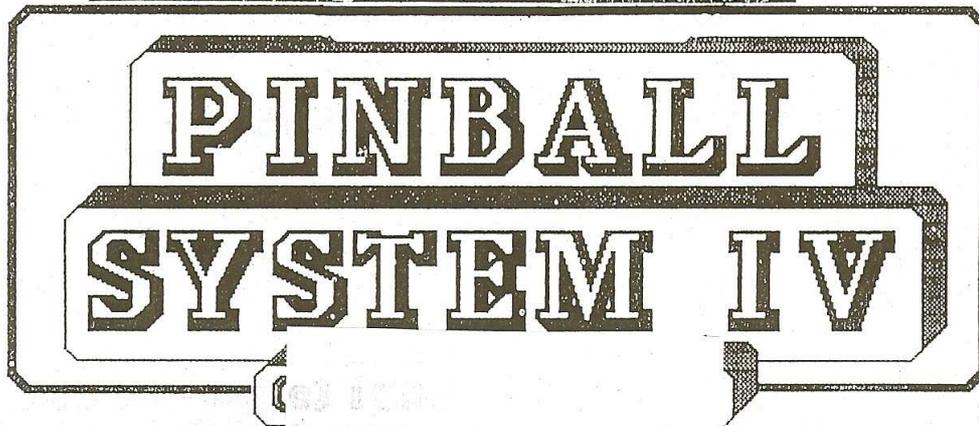


MANUAL DE SERVICIO GALAXY PLAY 2



FABRICADO POR:

CIC PLAY S.L.

Rda. Alfonso X El Sabio, 151, bajos.

08304 MATARO - BARCELONA

Tel./Fax 93 790 26 28

cicplay@cicplay.com / web:cicplay.com

JS

3 61 58

AJUSTES PIMBALL GALAXY PLAY 2

TABLA DE AJUSTES BLOQUE 1 (INFERIOR)

OPCIONES		1	2	3	4	5	6	7	8
BOLAS POR PARTIDA	3	ON							
	5	OFF							
SIEMPRE OFF			OFF	OFF					
TANTEO DE FLECHAS ?	50.000				ON				
	30.000				OFF				
SIEMPRE OFF						OFF	OFF		
SONIDO DE RECLAMO	SI							ON	
	NO							OFF	
SIEMPRE OFF									OFF

TABLA DE AJUSTES BLOQUE 2 SUPERIOR (DEL 1 AL 4)

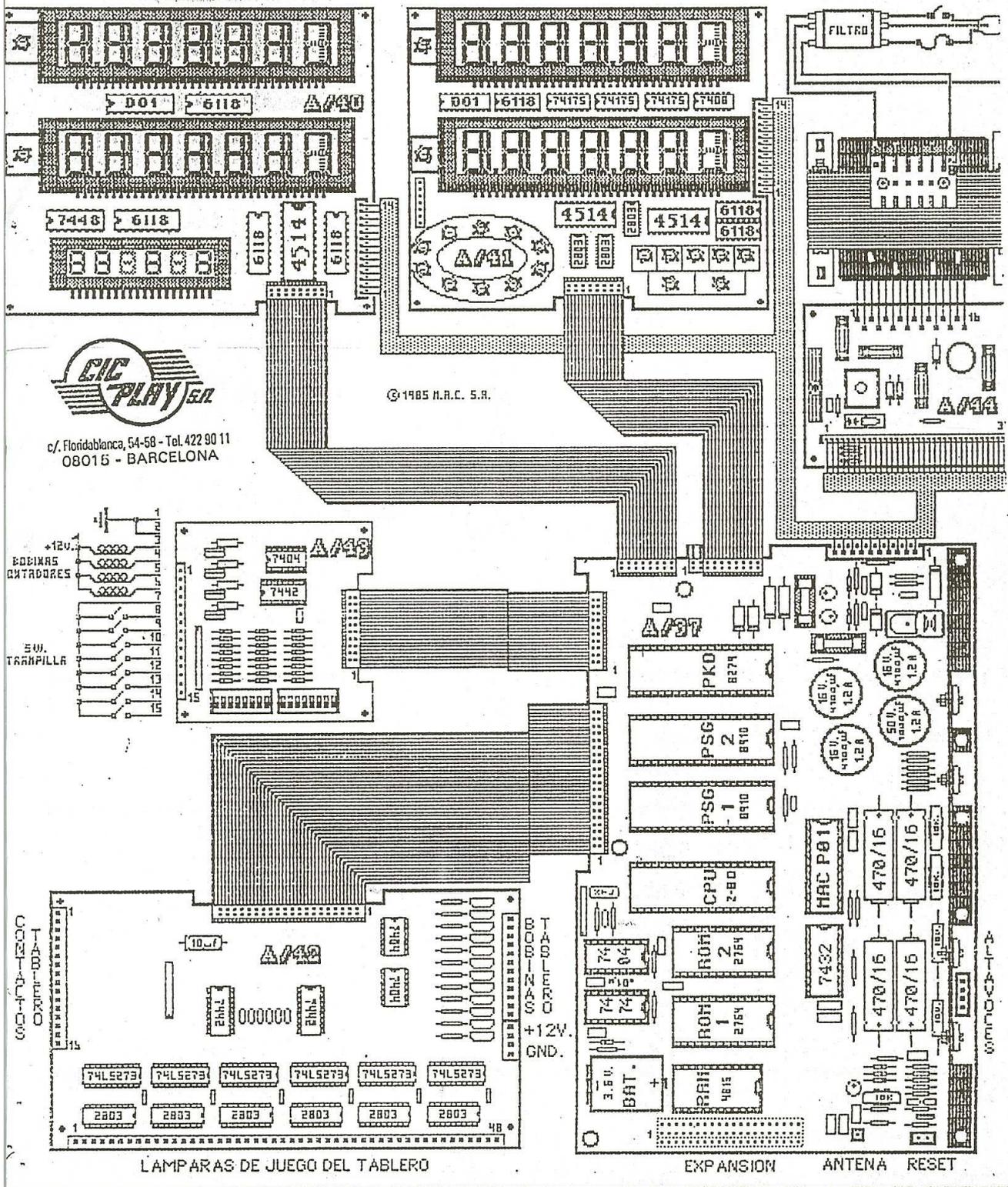
AJUSTES PUNTUACIONES							
1	2	3	4	BOLA EXTRA	1 PARTIDA	2 PARTIDA	HANDICAP
OFF	OFF	OFF	OFF	300.000	450.000	630.000	1.000.000
ON	OFF	OFF	OFF	325.000	500.000	690.000	1.100.000
OFF	ON	OFF	OFF	350.000	570.000	740.000	1.150.000
ON	ON	OFF	OFF	375.000	610.000	790.000	1.250.000
OFF	OFF	ON	OFF	400.000	650.000	850.000	1.350.000
ON	OFF	ON	OFF	425.000	690.000	900.000	1.400.000
OFF	ON	ON	OFF	450.000	730.000	950.000	1.500.000
ON	ON	ON	OFF	500.000	810.000	1.050.000	1.650.000
OFF	OFF	OFF	ON	550.000	890.000	1.150.000	1.800.000
ON	OFF	OFF	ON	600.000	950.000	1.250.000	2.000.000
OFF	ON	OFF	ON	650.000	1.050.000	1.350.000	2.150.000
ON	ON	OFF	ON	700.000	1.150.000	1.500.000	2.300.000
OFF	OFF	ON	ON	750.000	1.250.000	1.600.000	2.500.000
ON	OFF	ON	ON	800.000	1.300.000	1.700.000	2.700.000
OFF	ON	ON	ON	900.000	1.450.000	1.900.000	3.000.000
ON	ON	ON	ON	1.000.000	1.650.000	2.150.000	3.300.000

TABLA DE AJUSTES BLOQUE 2 SUPERIOR (DEL 5 AL 8)

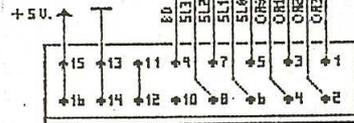
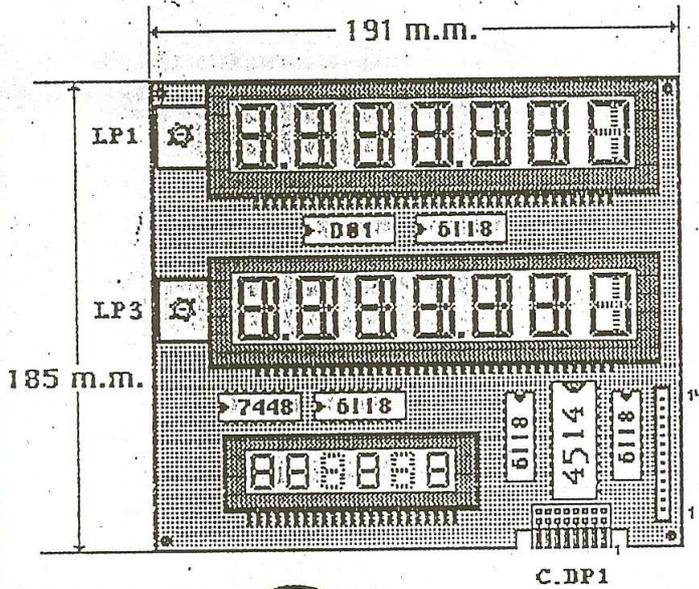
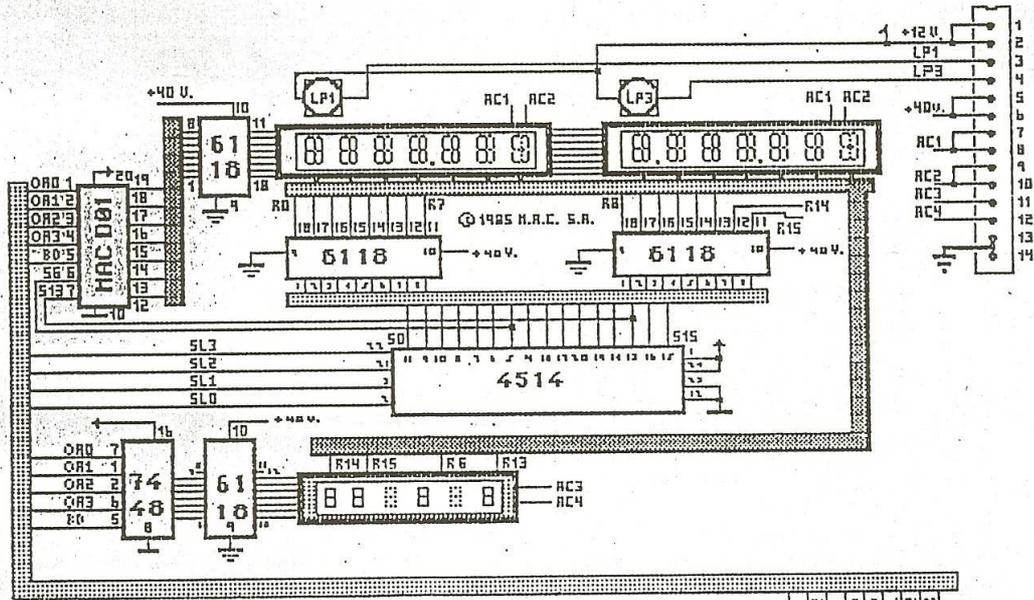
OPCIONES		5	6	7	8
BORRADO DE MEMORIA RAM	SI	ON			
	NO	OFF			
REPITE BOLA EXTRA	SI		ON		
	NO		OFF		
REPITE PARTIDA EXTRA	SI			ON	
	NO			OFF	
SIEMPRE OFF					OFF

** NOTA: PARA QUE LOS CAMBIOS EN LOS AJUSTES SEAN EFECTIVOS, SE DEBE PROCEDER AL BORRADO DE LA MEMORIA RAM MEDIANDE EL SWICHT No. 5 DEL BLOQUE 2 (SUPERIOR).*

DIAGRAMA GENERAL: MAC PINBALL SYSTEM IV



DISPLAY MAC PINBALL SYSTEM IV (A-40)



C.DP1

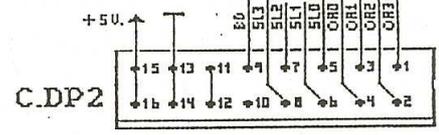
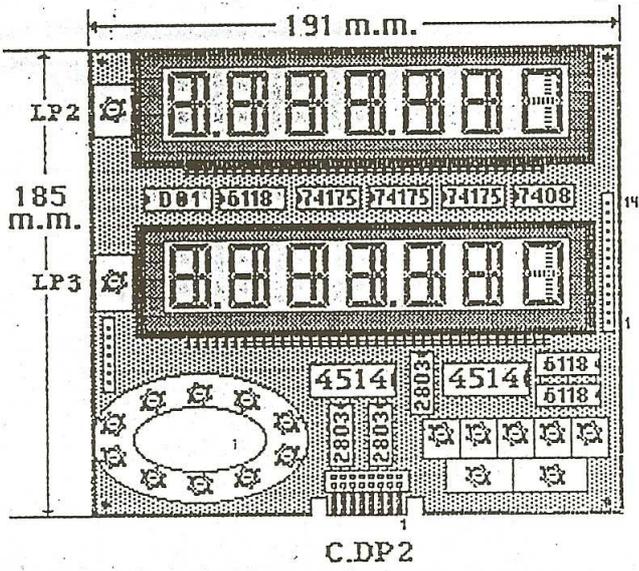
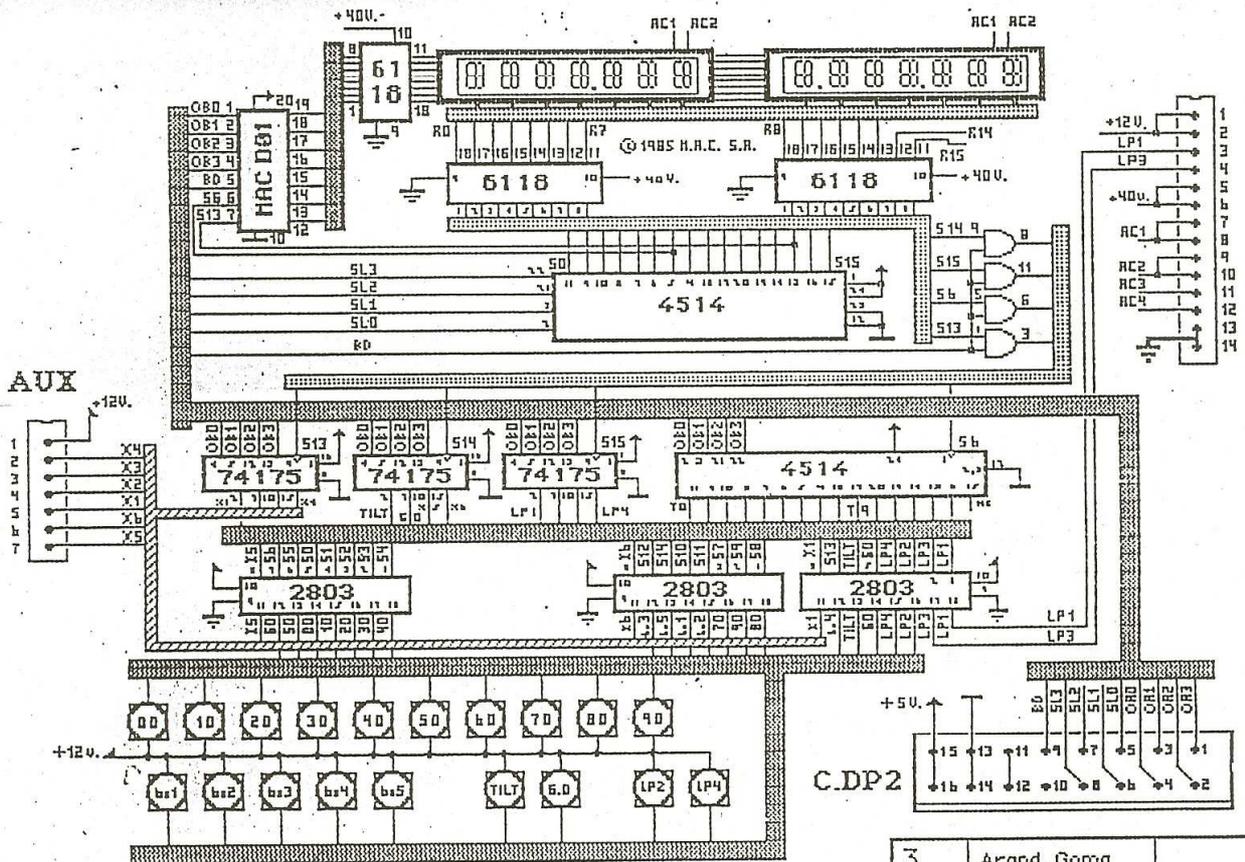
3	Arand. Goma	
1	Decoder D01	
1	Decoder 4514	
1	Decoder 7448	
4	Driver 6118	
2	Lamp 6V c/i	
1	Conec. Molex 14	
1	Display 6x0.6"	
2	Displays 7x1"	
1	C/Impreso	A/40
CANTIDAD	Componente	Ref.



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08015 - BARCELONA

Dibujado: Sep. 1985	MACSA
VºEº: <i>[Signature]</i>	Máquinas Automáticas Computarizadas S.A.
denominación: A/40-00	Sustituye: XXXXXXXXXXXX
DISPLAY S.IV	Sustituido:

DISPLAY MAC PINBALL SYSTEM IV (A41)



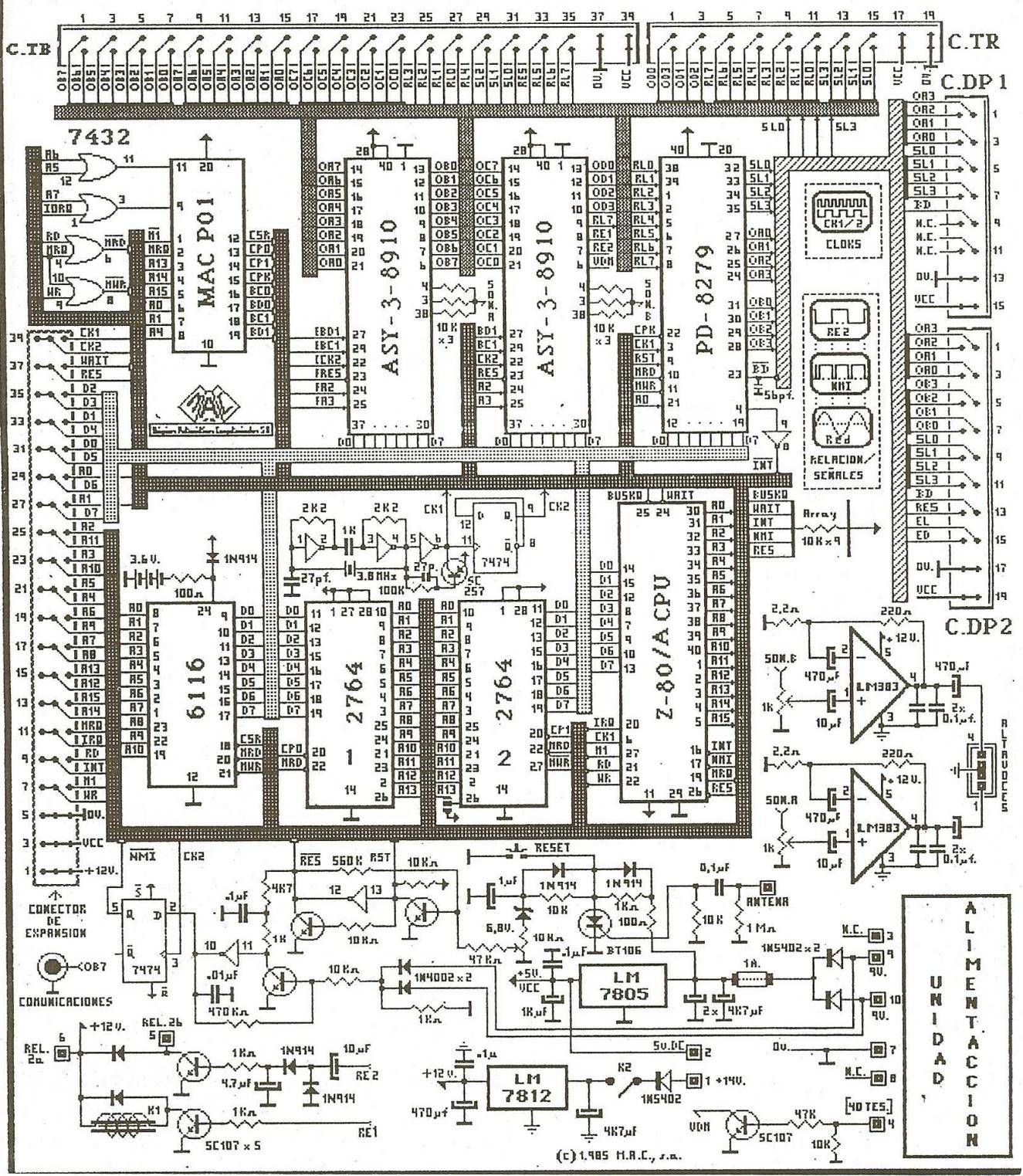
3	Arand. Goma	
1	Decoder D01	
2	Decoder 4514	
3	Latches 74175	
1	Gate 7408	
3	Driver 2803	
3	Driver 6118	
19	Lamp 6V c/i	
1	Con.Molex 14	
1	Con.Molex 7	
2	Displays 7x1"	
1	C/Impreso	A/41
CANTIDAD	Componente	Ref.


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Dibujado: Sep. 85
 V2B2
 M.A.C.S.A.
 Máquinas Automáticas Computarizadas S.A.
 REFERENCIA: A/41-00
 SUSTITUYE: ~~DISPLAY S.IV~~
 SUSTITUIDO:

UNIDAD CENTRAL: MAC PINBALL SYSTEM IV

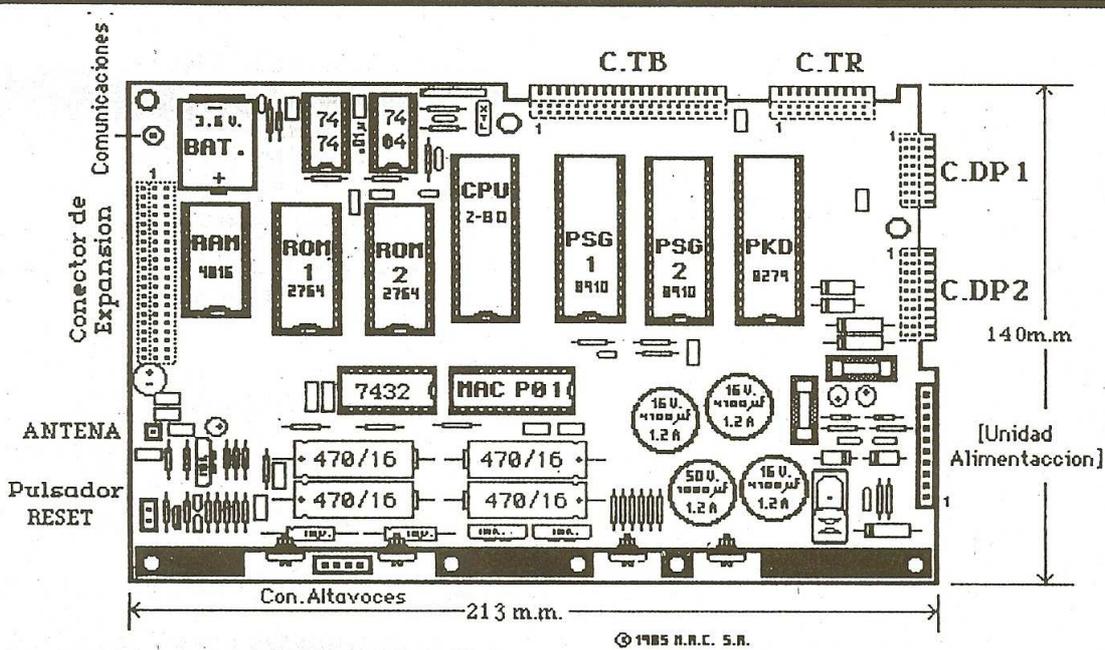
CPU SYSTEM IV (A/37-00)



(C) 1.985 H.R.C., S.A.

A L I M E N T A C I O N
U N I D A D

UNIDAD CENTRAL: MAC PINBALL SYSTEM IV

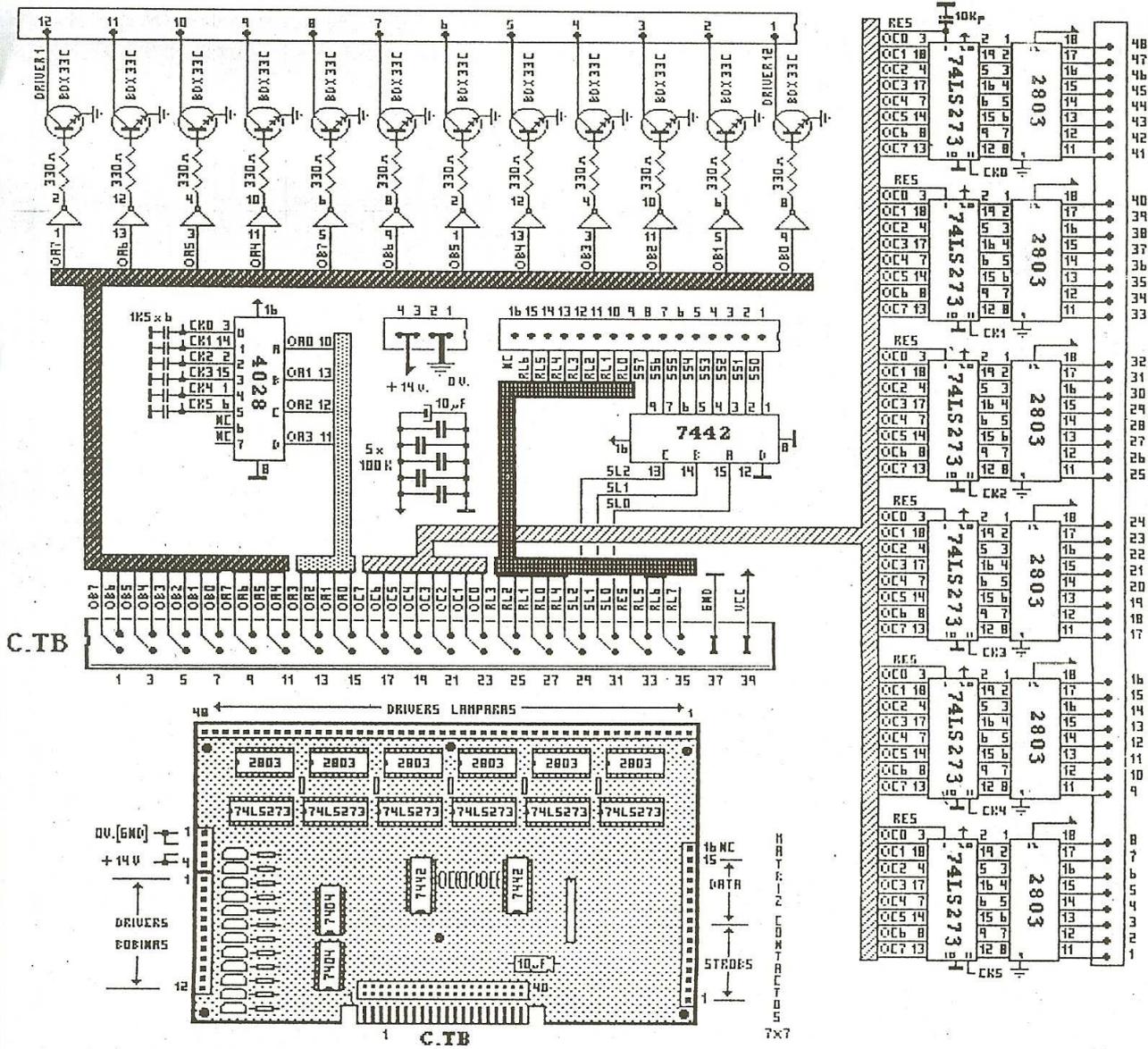


	Condensador de 0,1uf		Transistor SC107		Diodo 1 A.
	Resistencia 1/4 W.		Diodo 1N914		Diodo 2 A.
	Cond. Cerámico		Cond. 250 V.		Cond. 1uf.
					R.Array

CHIP	Ref.	CANTIDAD	Componente	Ref.	CANTIDAD	Componente	Ref.	CANTIDAD	Componente	Ref.
		1	Array 10Kx8		1	Cond. 1000µf/50		1	C.Molex 1c M	
1	A.4w LM383	34	Resist. 1/4 W		16	Cond. 100K		1	C.Molex 2c M	
1	E.12V LM7812	1	Diodo Zener 6.8		1	Cond. 10 k pf		1	C.Molex 4c M	
1	E.5V LM7805	5	Diodo Silicio 1N914		2	Cond. 1µf/16		1	C.Molex 10c M	
1	MAC P01	4	Diodo Rectif. 1N4002		1	Cond. 10µf/16		1	Radiador	
2	PSG ASY 8910	3	Diodo Rectif. 1N5402		4	Cond. 470µf/16		2	Arandela 4m.m	
1	PKD PD 8279	6	Transistor SC107		3	Cond. 4k7µf/16		2	Tuerca M3	
1	CPU Z80/A	1	Thiristor 4A. BT106		1	Zocalo 14 Pines		2	Tornillo M3x7	
2	PROM 2764	1	Cristal 3.8 MHz		2	Zocalo 16 Pines		2	Fusible	
1	RAM 6116	1	Bateria 3.6V		1	Zocalo 20 Pines		2	Portafusible	
1	GATE 74LS32	3	Poten. 10k		1	Zocalo 24 Pines		1	Reles 12V.	
1	LATH 74LS74	1	Cond. 1k pf		2	Zocalo 28 Pines		6	Separadores	
1	INV. 74LS04	1	Cond. 27 pf		4	Zocalo 40 Pines		1	C. Impreso	

Dibujado: Sep. 1985 VºBº: <i>SR</i>	M.A.C.S.A. Máquinas Automáticas Computarizadas S.A.
DEDICACION: A/37-00 C.P.O. SYSTEM IV	Sustituye: XXXXXXXXXX Sustituido:

TABLERO MAC PINBALL SYSTEM IV

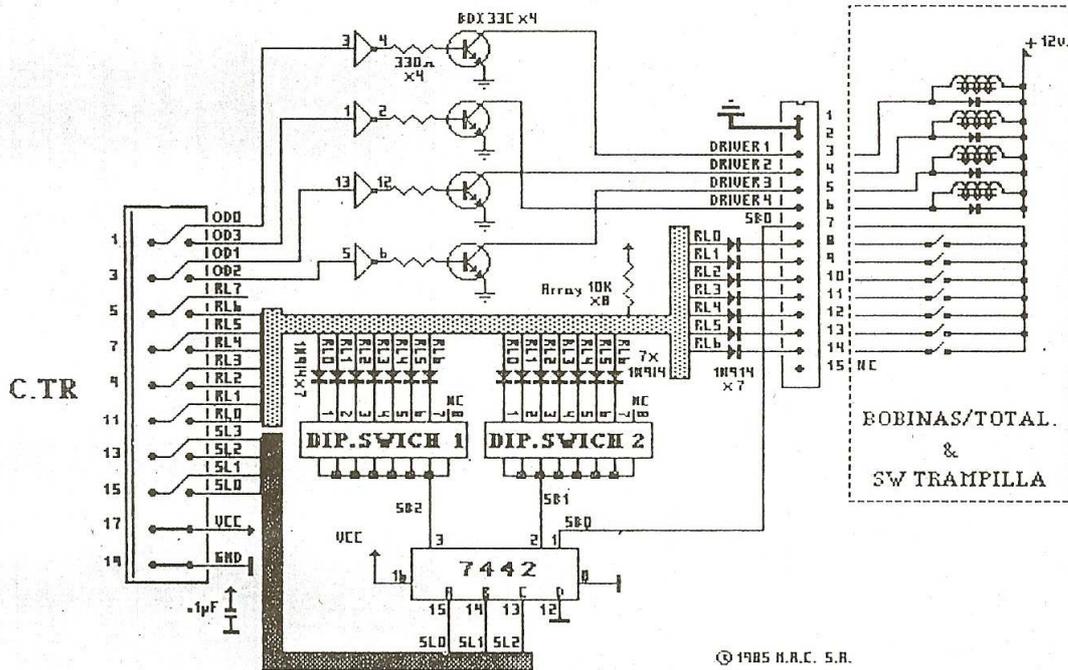


1	Decoder 7442	1	Cond. 10µf/25v
1	Decoder 4028	5	Cond. 100K pf
6	Driver 2803	6	Cond. 1K5 pf
6	Latch 74LS273	1	Conec. Molex 4
2	Invert. 74LS04	1	Conec. Molex 12
12	Trans. BDK33C	1	Conec. Molex 16
12	Resist. 330ohm 1/2 W	1	Conec. Molex 48
1	Res. Array 10K	1	C/Impreso A/42
CANTIDAD	Componente	Ref.	CANTIDAD Componente Ref.

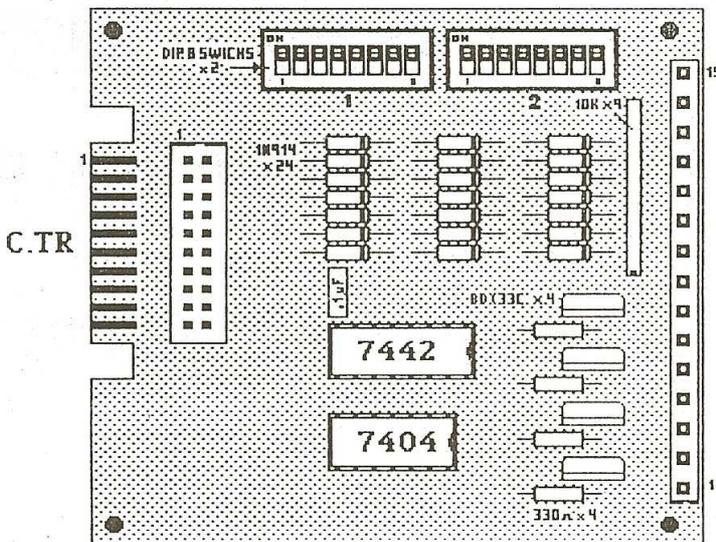
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Dibujado: Sep. 85 V ² B ²	M.A.C. S.A. Maquinas Automaticas Computarizadas S.A.
DENOMINACION: A/42-00 TABLERO S.IV	Sustituye: _____ Sustituido: _____

AJUSTES MAC PINBALL SYSTEM IV



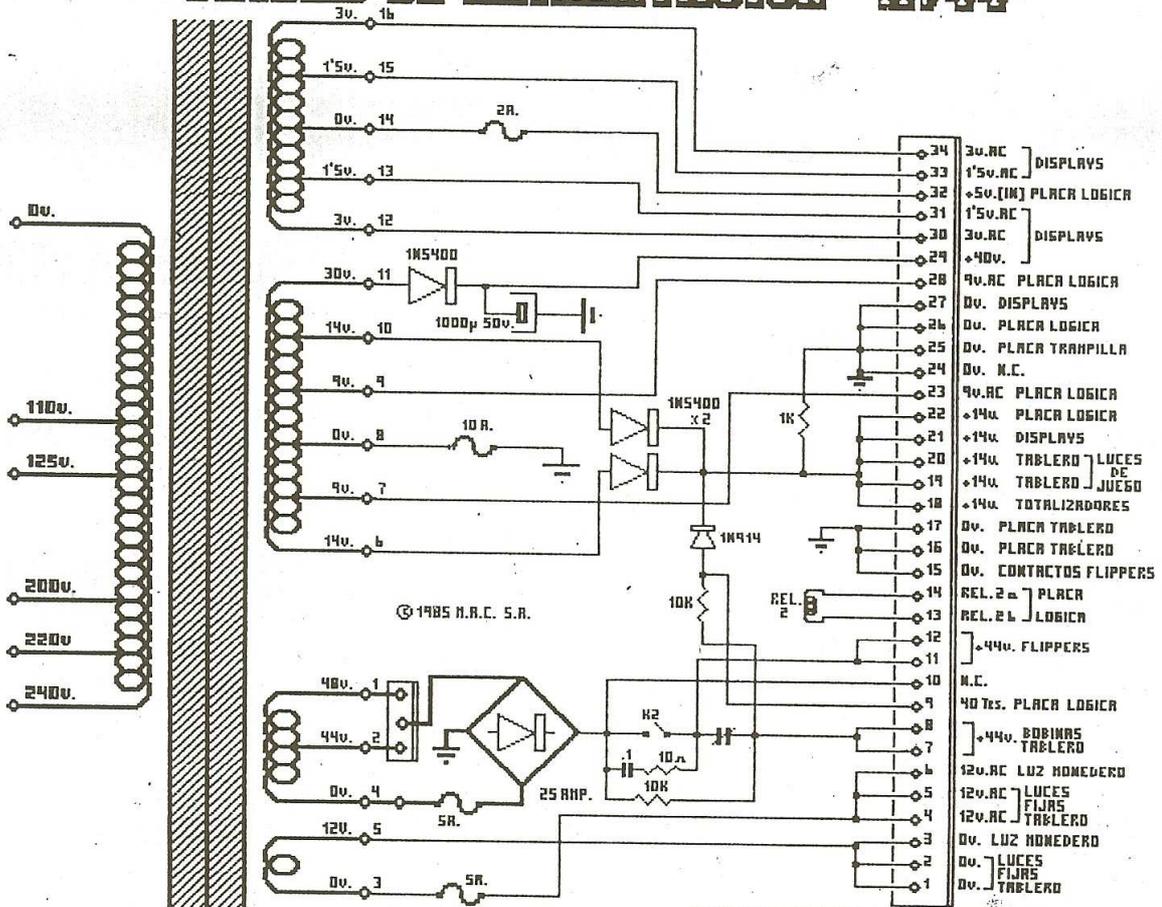
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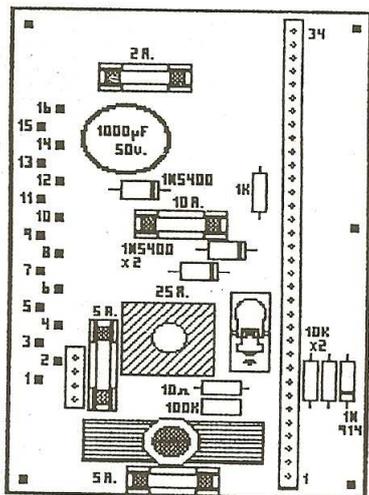
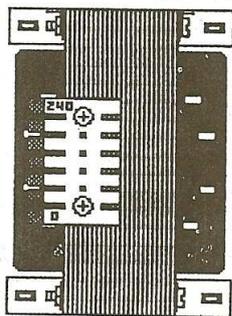
1	Decoder	74LS42
2 1	Diodos	1N914
1	Inversor	74LS04
1	Res. Array 9x	10 K
4	Resist. 1/2 W	330 Ohm
4	Transistor	BDX33C
1	Cond. 0.1 µf	
1	Con. Molex 15	
2	DIP 8 SWICHS	
1	C/Impreso	A/43
CANTIDAD	Componente	Ref.

Dibujado: Sep. 85	M.A.C.S.A. Máquinas Automáticas Computarizadas S.A.
VºBº	
denominación: A/43-00	Sustituye: XXXXXXXXXX
AJUSTES S.IV	Sustituido:

UNIDAD DE ALIMENTACION $\Delta/44$



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1	Diodo 1N914	
1	Cond. 100Kpf.	250 V.
1	Disyuntor	3 Amp.
1	Rele	170 n.
2	Resistencias	10K.
1	Resistencias	1K.1/2 W
1	Resistencias	10n 1/2 W
3	Diodos 1N5400	
4	Fusibles	2,5,5,10A.
1	Cond. 1000 pf.	50 V.
1	Puente Rectif.	25 Amp.
1	Conect. Molex	34 pin.
1	Conect. Molex	4 pin.
CANTIDAD	Componente	Ref.

Dibujado: Sep. 85

VºEº:

DENOMINACION:

ALIMENTACION

M.A.C.S.A.

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Sustituye:

Sustituido: