

FOOTRAX

SCHEMATIC PACKAGE & PCB PARTS LISTS

Manufactured by



**ATARI GAMES IRELAND LTD.,
TIPPERARY TOWN,
CO. TIPPERARY,
REPUBLIC OF IRELAND.**

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10.		WIRING DIAGRAM

CPU PCB 86189611

Part Number	Description	Location
6100100400	74LS04	6C 13L
6100100800	74LS08	8U 9U
6100107400	74LS74	2H 5E 6D
6100115700	74LS157	2N 6F 7F 8F
6100124400	74LS244	2E
6100124500	74LS245	2F 2G 12F 12G 13F 13G
6100700400	74F04	10U 11U
6100713800	74F138	8T
6100724400	74F244	8K 9E 9F 9G 10F 10G 11F 11G
6100737400	74F374	8L 8M 8S
6100201500	74S15	6B
6100900200	74AC240	2A
6101207400	74HC74	5B
6101217500	74HC175	3G
6102001704	HD68000-12	9B 9J
6102002521	MC68000G12	9B 9J
6102000621	68BO9EP	5J
6102001404	HDG8B09E	5J
6103008005	TMM2018AP-45	5L 5M
6103010901	MB8464A-15-SK	2K GG
6103011603	MPD4364Cx-15	2K 6G
6103011704	HM62256P-120	9K 9M
6103011207	M5M5256-12 (120 NS)	9K 9M
6103011803	MPD4325GC-120 (120 NS)	9K 9M
6103011999	SRM2025GLC12 (120 NS)	9K 9M
6103011307	M5M5178-55	6S 6T 6U
6103011407	M5M5179-55	8A
6103900101	MB8422-12	6E
6103300204	HM65256BSP-12 (120 NS)	11E 11M 13E 13M
8618972101	16L8	4G
8618972102	16L8	5F
8618982103	12L10-2	8D
6104900304	HN58C65P-25 (25 ONS)	9D
6105009500	95	IF1 IF2 IJ1 IJ2
6105011600	116	4T
6105012100	121	3J
6105012300	123	8P
6105013700	137	12V
6105013900	139	8B
6105014000	140	2M
6105014500	145	6L
6105014800	148	13B 13J
6105014900	149	2C
6105015600	156	5P
6105006500	65	3D
6106100702	TL084CN	2R 3R
6106102310	LA2S	2S
6106301310	LA4700	1U
6102200499	YM2151	2J
6107000499	YM3012	3P
6107000910	LC7880	2P
6106301205	TA7630	2U
6106301405	TA7376	1R
6103012001	MB84256-10	9K 9M

Part Number	Description	Location
6106900501	MB3771	3B
6106002200	78L05	IC1
6106002100	78L06	IC2
6106400910	LB1760	5C 5D
6111222363	2SC2236-Y (1.5A O 9W)	TR1
6111010153	2SA1015-Y	TR2 3 4 9 10 11
6111218153	2SC1815-Y	TR5 6 7
6111223203	2SC2320-E	TR12 13 14
6110300505	186.2 (1W 5.6-6 8V)	D1
6110000105	1S1588	D2 D3
6129001300	579545MHz	X1
6129000856	KXO-01 49M152	X2
6129000948	MCO-1425B (49) 52MHz	X2
6127001511	SP0406-101K	L1
6113001308	PC900	5A
6113001408	PC910	6A
6125019014	TM64K2 (PV) 10K OHM	VOL, BAL, TRBL,
6122900300	R-2R57 - SIP (R=1K OHM)	RA13 14 15
6122010104	100 OHM 4PE 1/8W	RA19
6122047104	470 OHM 4PE 1/8W	RA18
6122010204	1K OHM 4PE 1/8W	RA3 20
6122047206	4.7K OHM 6PE	RA4
6122012204	1.2K OHM 4PE 1/8W	RA12
6122022204	2.2K OHM 4PE 1/8W	RA12
6122022204	2K OHM 4PE 1/8W	RA21 22
6122022206	2.2K OHM 6PE 1/8W	RA18
6122027204	2.7K OHM 4PE 1/8W	RA17
6122047208	4.7K OHM 8PE 1/8W	RA6 7
6122110204	1K OHM 4PI 1/8W	RA 1 2 8 9
6122147204	4.7K OHM 4PI 1/8W	RA10, 11
6122110306	10K OHM 6PI 1/8W	RA5
6120022915	2.2 OHM 1/4W 5%	R26 27 36 37
6120010015	10 OHM 1/4W 5%	R10
6120022015	22 OHM 1/4W 5%	R24 25 7
6120047015	47 OHM 1/4W 5%	R6 7 29 30 33 35
6120075015	75 OHM 1/4W 5%	R2
6120010115	100 OHM 1/4W 5%	R14 55
6120022115	220 OHM 1/4W 5%	R15 17 31 32 49 50
6120033115	330 OHM 1/4W 5%	R19
6120056115	560 OHM 1/4W 5%	R44
6120068115	680 OHM 1/4W 5%	R1
6120010215	1K OHM 1/4W 5%	R16 38 39
6120022215	2.2K OHM 1/4W 5%	R8 9 47 48 51 52
6120047215	4.7K OHM 1/4W 5%	R22 23
6120010315	10K OHM 1/4W 5%	R11 12 28 34 40
6120010415	100K OHM 1/4W 5%	R53 54
6120010515	1M OHM 1/4W 5%	R3 4 5
6120047515	4.7M OHM 1/4W 5%	R42 R43 56 58
6120027105	270 OHM 1/8W 5%	R59 60
6123010110	100PF 25V	C84 85
6123010210	1000PF 25V	C6 7 8 9 10 11 12 13
6123031910	3 PF 25V	C36 38
6123022010	22 PF 25V	C4 5
6123010310	0.01 MF 25V	C16 17 18 19 20 21
6123010410	0.1 MF 25V	C24 56 64 65 71 75

Part Number	Description	Location
6123910299	TP050F2338-KF-C	PC1 8 10 27 29 90
6123110222	0.001 MF 50V 10%	C44 46
6123122222	0.0022 MF 50V 10%	C45 47
6123147222	0.0047 MF 50V 10%	C58 73
6123122322	0.022 MF 50V 10%	C25 28
6123133322	0.033 MF 50V 10%	C42 43 68 69
6123112422	0.12 MF 50V 10%	C57 74
6123110322	0.01 MF 50V 10%	C34 35 82 83
6124110952	1 MF 50V	C14 53
6124122952	2,2 MF 50V	C39 52 59 60 61
6124110022	10 MF 16V	C30 33 54 81
6124122022	22 MF 16V	C29 31 32
6124147022	47 MF 16V	C55 63
6124110112	100 MF 10V	C15
6124110122	100 MF 16V	C26 27
6124122112	220 MF 10V	C70
6124147112	470 MF 10V	C1
6124110221	2200 MF 16V	C72
6124110102	100 MF 6 3V	C50 51 66 67
6124347852	0.47 MF 50V	C2 3
6130300400	8P	2D
6161902116	XJ8D-031 1	JP1
6161140916	XC5B-6422P-1440	J101 102
6161902216	XJ8A-0211	JP1 15
6161501676	P-90	2F 5J 6U
6165203932	WLS-16 8-0	
6163000500	20P	4G 5F
6163004500	24P	5L 5M 8D
6163000700	24P	GE
6163004700	28P	2C 2K 6G 6S 6T 6U
6163000800	28P	3F 9D 9K 9M
6163000900	32P	3L 3M 3N 7G 7J 7N
6163001100	40P	5J
6163004100	64P	9B 9J
8618983200	86189832	
8618963200	86189632	
2272961100	22729611	
2272961200	22729612	

VIDEO PCB 22949612

6100100000	74LS00	8K
6100100400	74LS04	1T
6100103000	74LS30	9H
6100103200	74LS32	1H
6100107400	74LS74	1S
6100108600	74LS86	4J
6100115700	74LS157	2R 4K 5K 8E 8H 9F
6100116100	74LS161	1C 1D 2C 2D 3C 3D
6100117300	74LS173	2H
6100117400	74LS174	3R
6100124400	74LS244	3N
6100125700	74LS257	2N 2P
6100137400	74LS374	7K 7L 7P 8F 8J 9K 9L 9P
6100137700	74LS377	5N 5P 5R 5S
6100137800	74LS378	7J
6100154100	74LS541	2S 3S 2T 3T
6100700000	74F00	8S 8T
6100700400	74F04	8L
6100701000	74F10	9S 9T
6100702000	74F20	9R
6100703200	74F32	8R
6100707400	74F74	7R
6100716100	74F161	6M 6N 6P 8M 8N 8P
6100717500	74F175	6S
6100724000	74F240	7T
6103011505	TMM20 18AP-25	7M 7N 9M 9N
6103011104	HM6716-25	7M 7N 9M 9N
6103010801	MB8464A-10-SK	4P 4R 4S 4T
6103008005	TMM2018AP-45	4C 4D
6103100701	MB81464-12 (120NS)	1E 1F 2E 2F
6105004500	45	2K
6105010600	106	6T
6105010700	107	5C
6105013400	134	4N
6105013500	135	5T
6105013700	137	7S
6105014600	146	7F
6120010215	1K OHM 1/4W 5%	R47
6120047015	47 OHM 1/4W 5%	R48 R49 R50
6122010204	1K OHM 1/4W 4PE 5%	RMI
6122147004	47 OHM 1/4W 4PI 5%	RM2 RM3 RM4
6123902199	TP050F2238-KF-C	PCI P63
6124047112	470 MF 10V	C1,C2
6161140116	XC5E-6422P-1140	J201, J202
6161139916	XC5E-6421	J201, J202
6161139916	XC5E-6421	J203
6163000200	18P	1E 1F 2E 2F
6163000400	20P	1R 9J 5B
6163000700	24P (300MIL)	4C 4D 7M 7N 9M 9N
6163004999	110-99-628 (28P)	6R
6163004899	110-99-632 (32P)	4F 4H 5F 5H
6163004027	DIC-S64C (64P)	5C
6163004700	28P	4N 4P 4R 4S 4T 5T 7S
6169002716	XR28-13	4F 4H 5F 5H 6R
6161501676	P-90	
2272963100	2272931	
6123068000	68PF	C4
6165204579	TCBS-10N	

EMI PCB 22949606

2272963200	22729632
6161202524	CR7E-56DA-3
6161203116	XA2D-4803
6126001799	LT-STB271KB
6126001899	LT-STX222MB

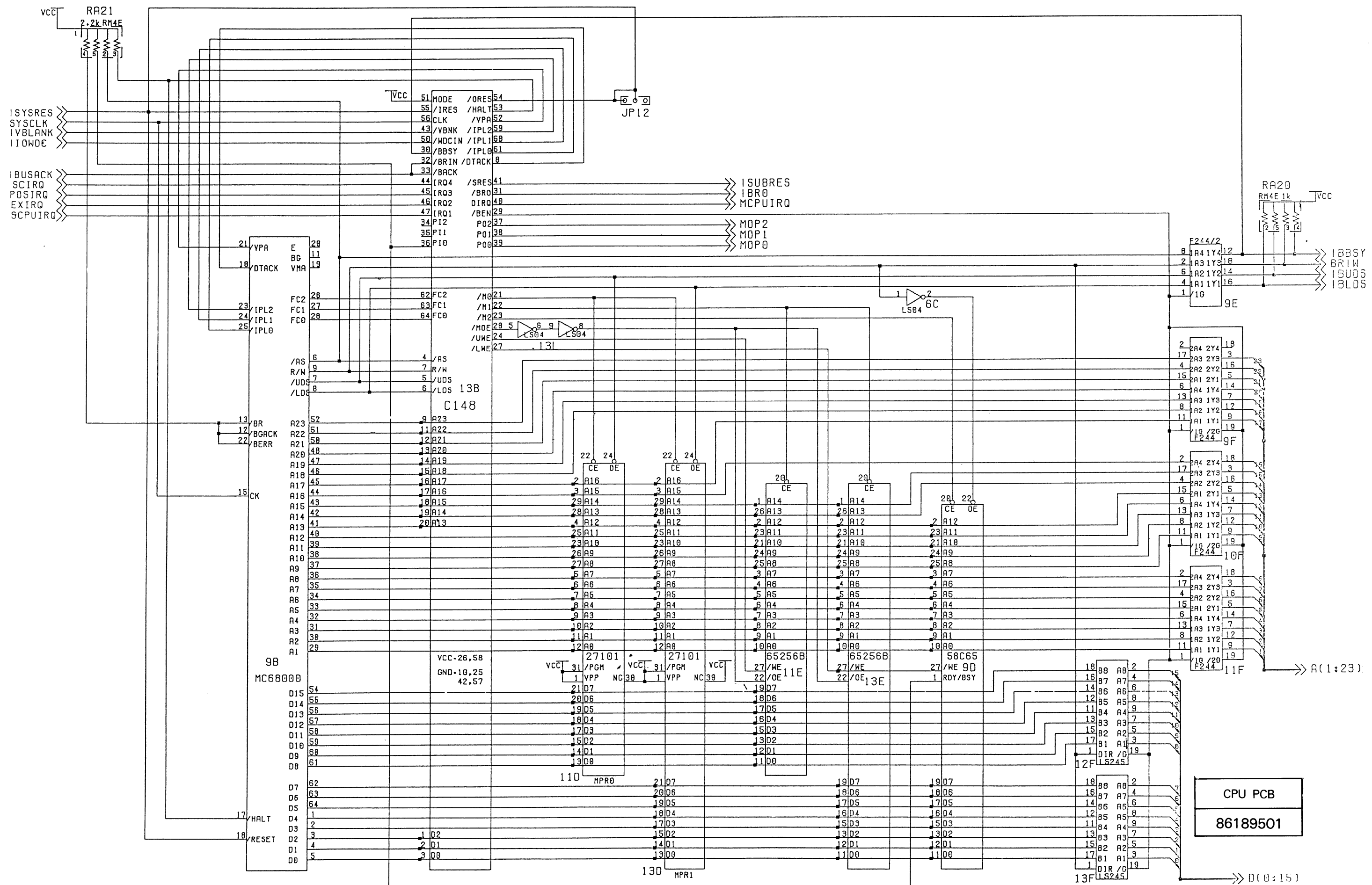
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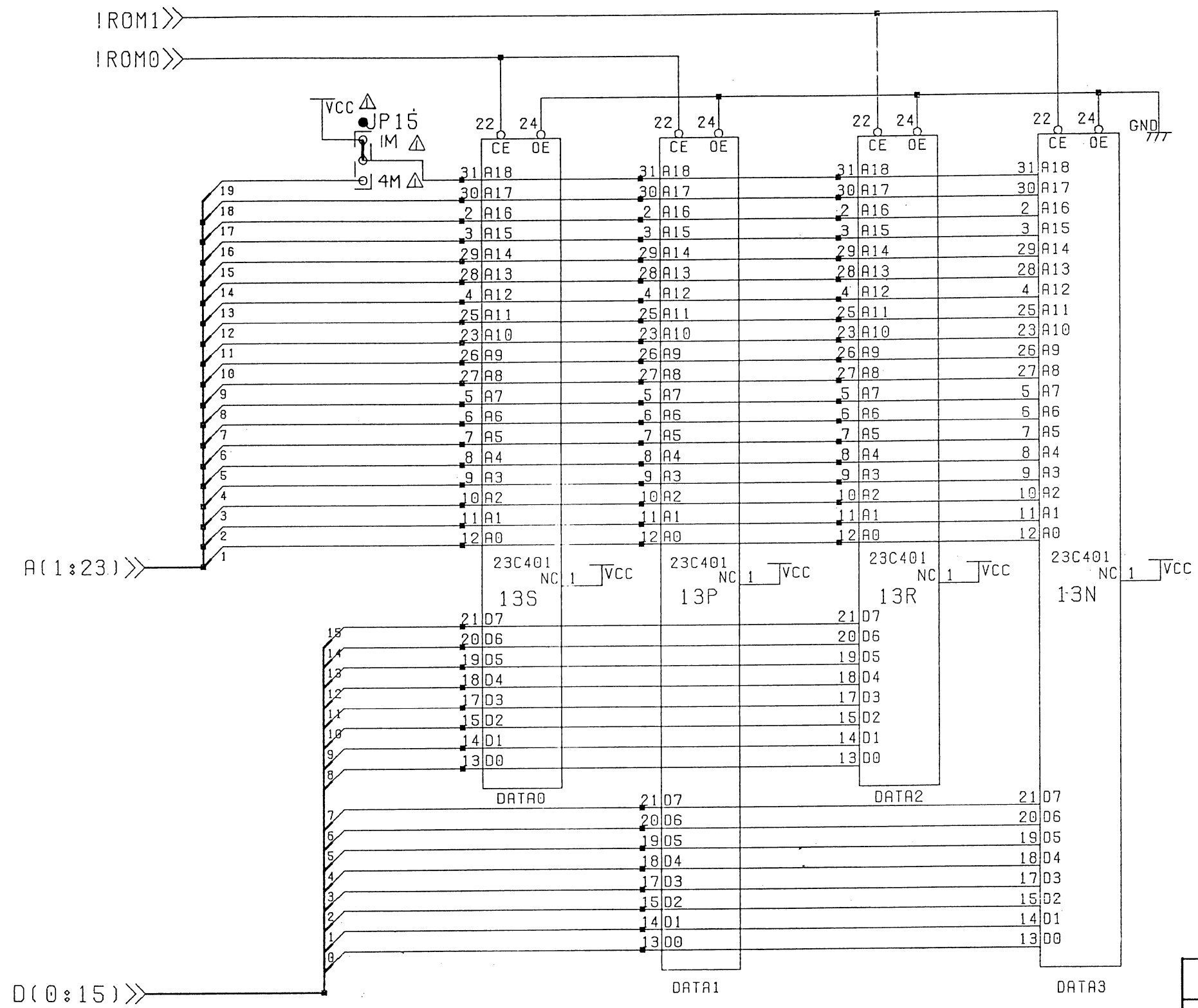
6100713900	74F139	10B
6100724400	74F244	9A,9B,9C,10A,10C
	171826-2	J2
6161140716	XC5B-6421	J1
6124010102	100 UF	C1
6123902199	TP0505F223	PC1-18
6163000900	32P	1A-8A,1B-8B
2294963201	22949632	
	BS2625NI-3	
	26NI-3	
	2.6	
	XJ8D-0311	
	XJ8A-0211	
2294968201	2M	4C
2294968202	2M	3C
2294968203	2M	2C
2294968204	2M	1C
2294968205	2M	4A
2294968206	2M	3A
2294968207	2M	2A
2294968208	2M	1A
2292968209	2M	8C
2294968210	2M	7C
2294968211	2M	6C
2294968212	2M	5C

2294968213	2M	8A
2294968214	2M	7A
2294968215	2M	6A
2294968216	2M	5A
6165203932	WLS-16.8-Ø	

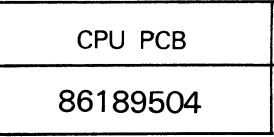
LINK PCB 22949614

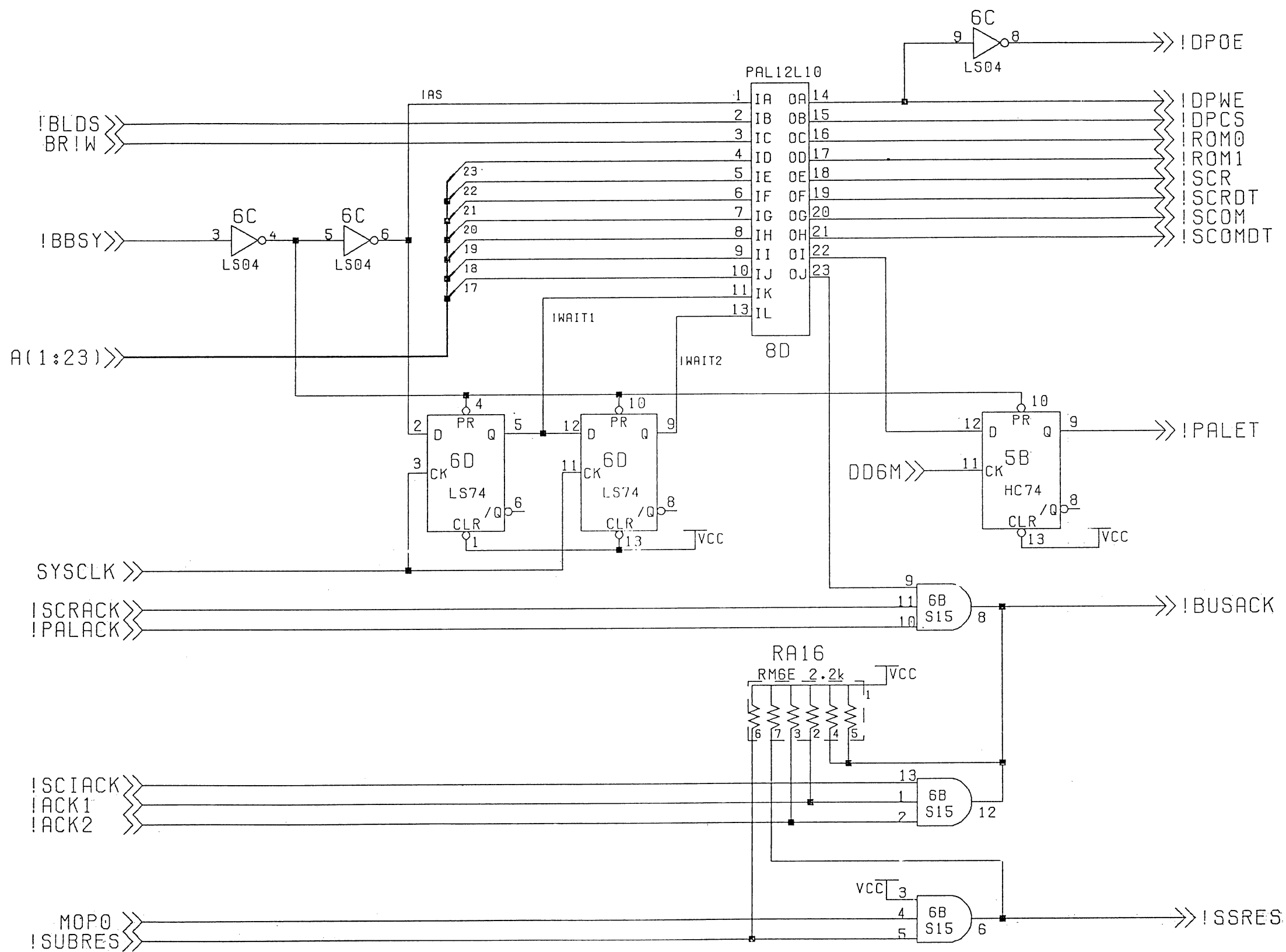
6131201099	RFT-124E-DC5K	RE1,RE2
6110000205	151885	D1,D2
6161318927	PS-16PE-D4LT1	J120
6161501425	S-Q3063#01	J121J122
6130401021	SW	SW-18
2272963300	22729633	





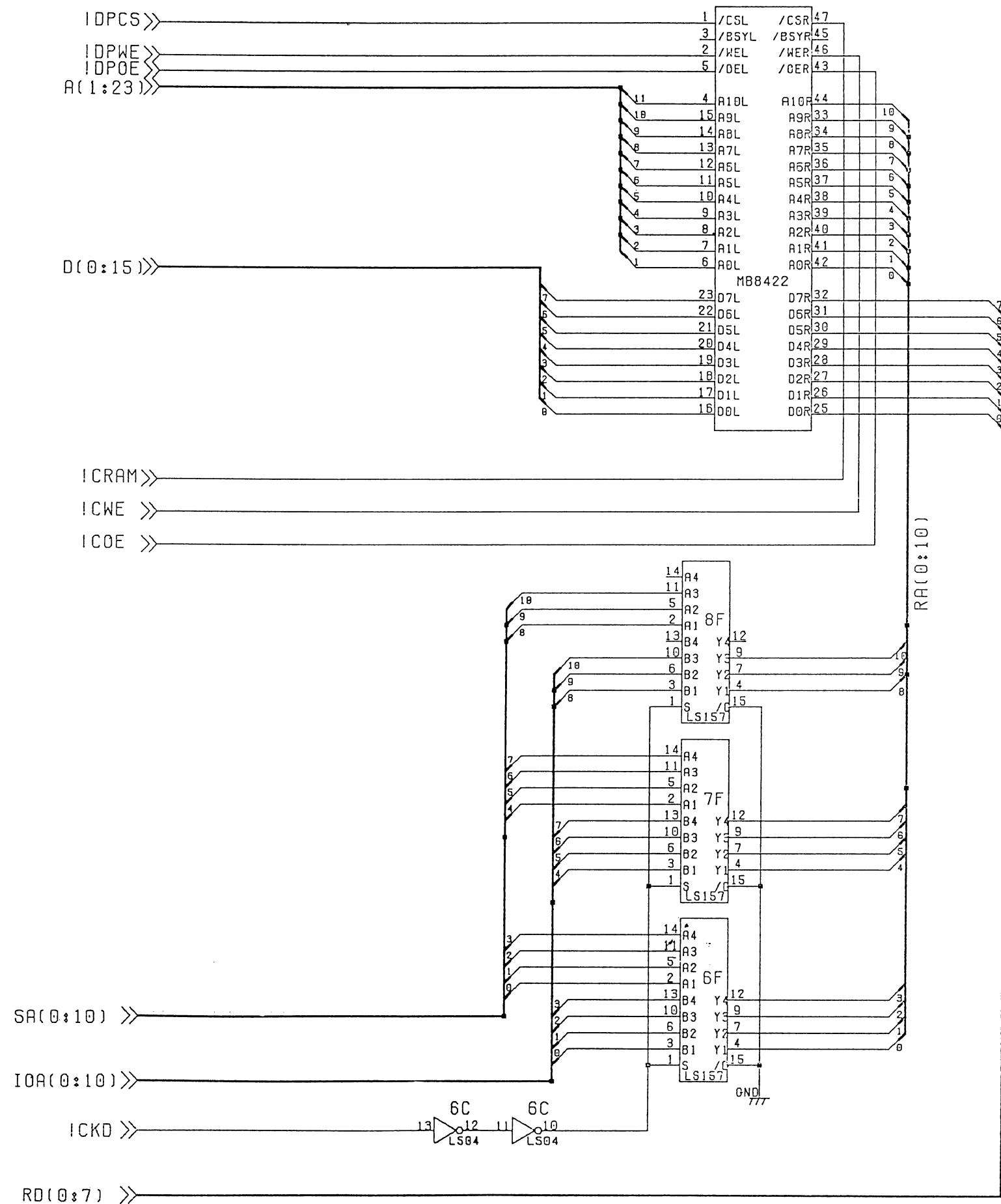
CPU PCB
86189503

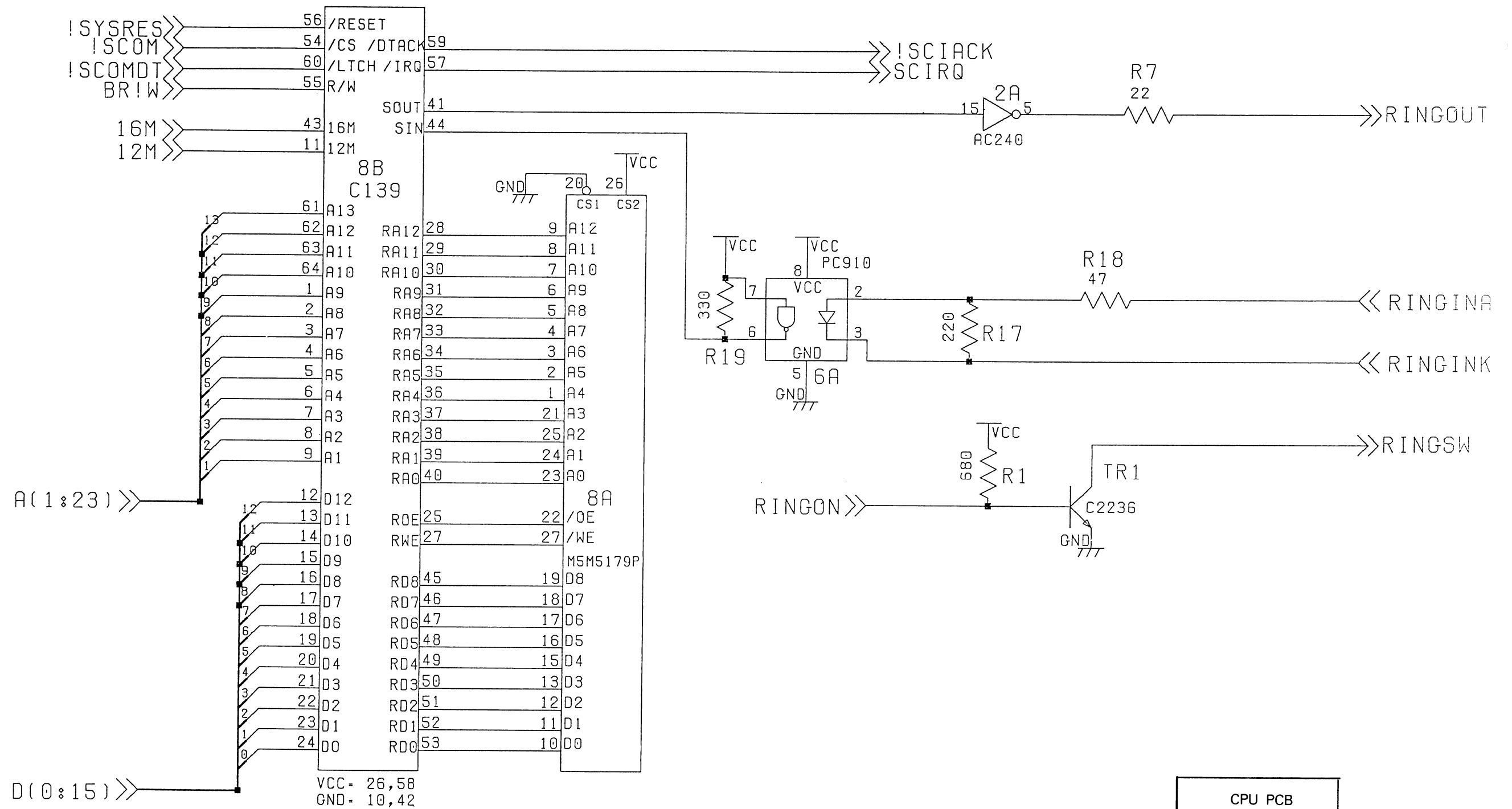




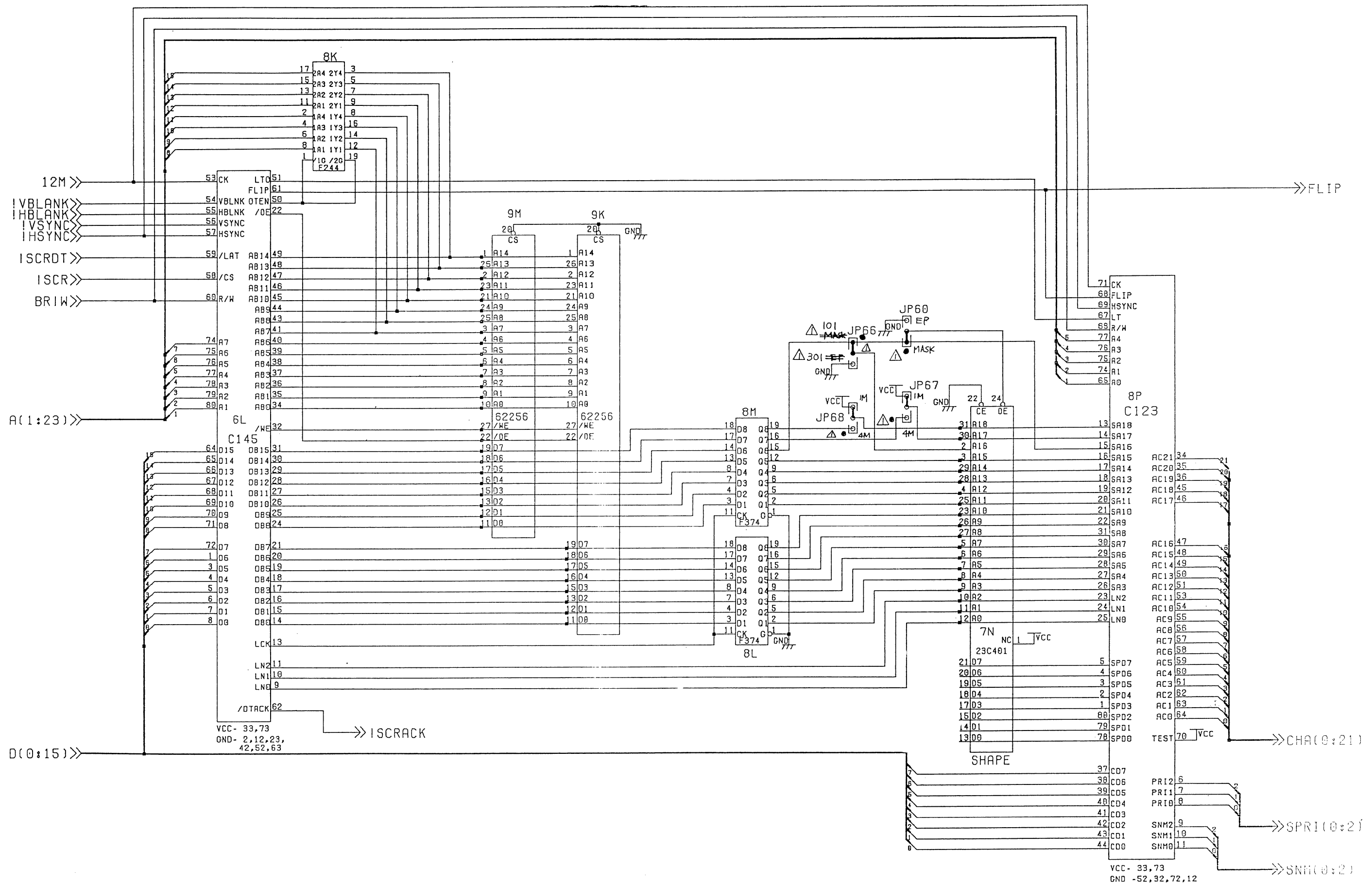
CPU PCB

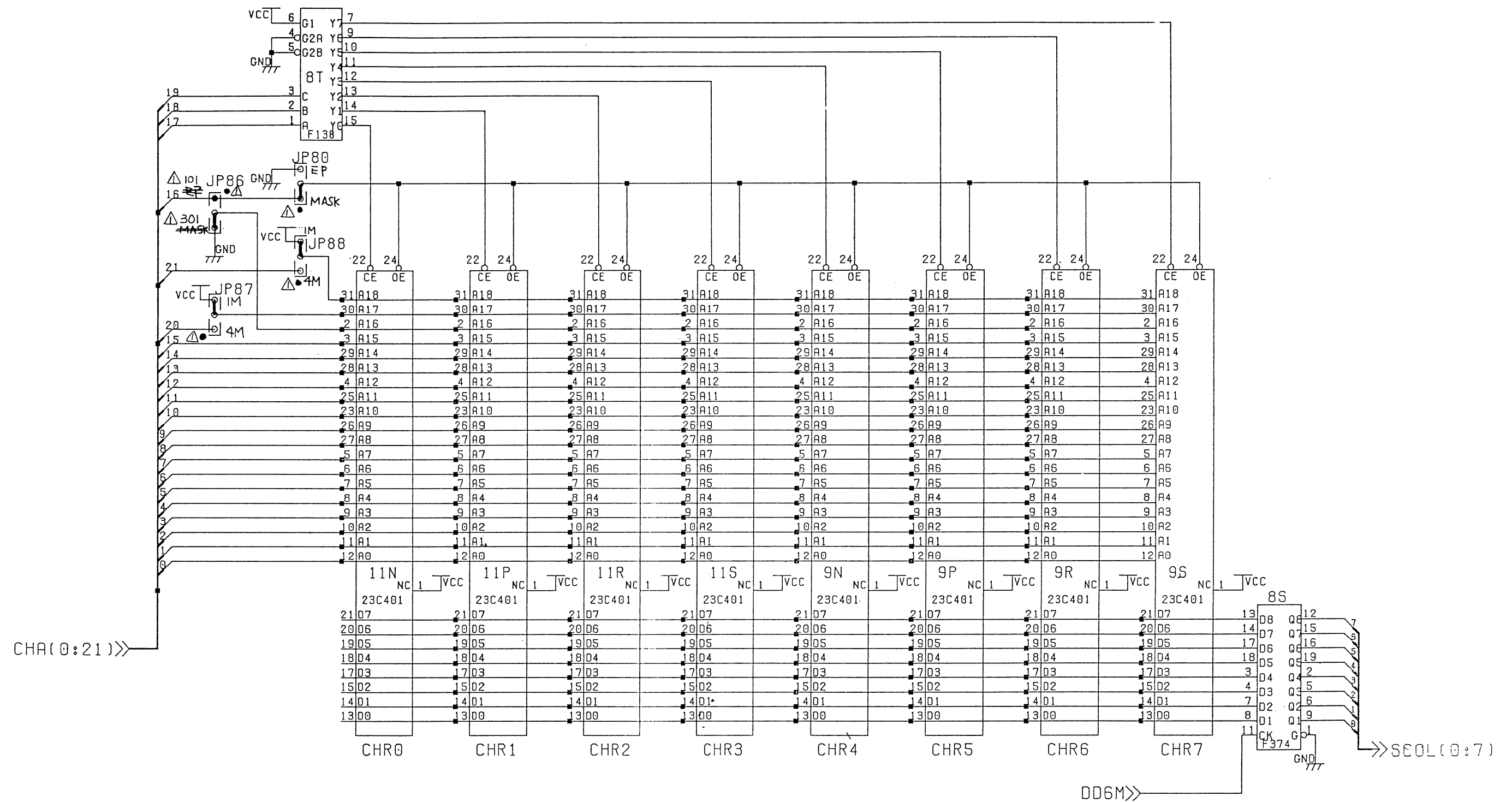
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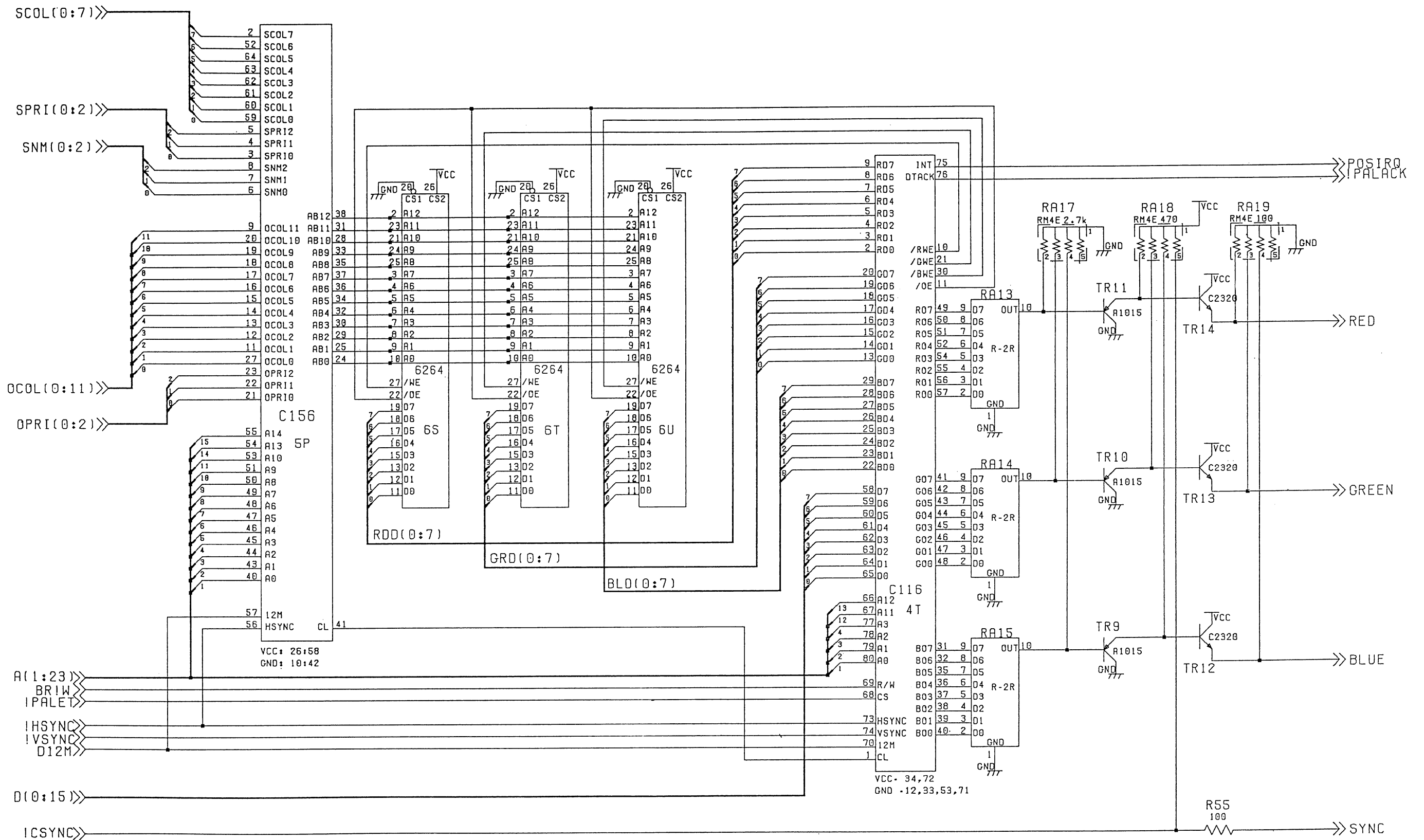


CPU PCB
86189507

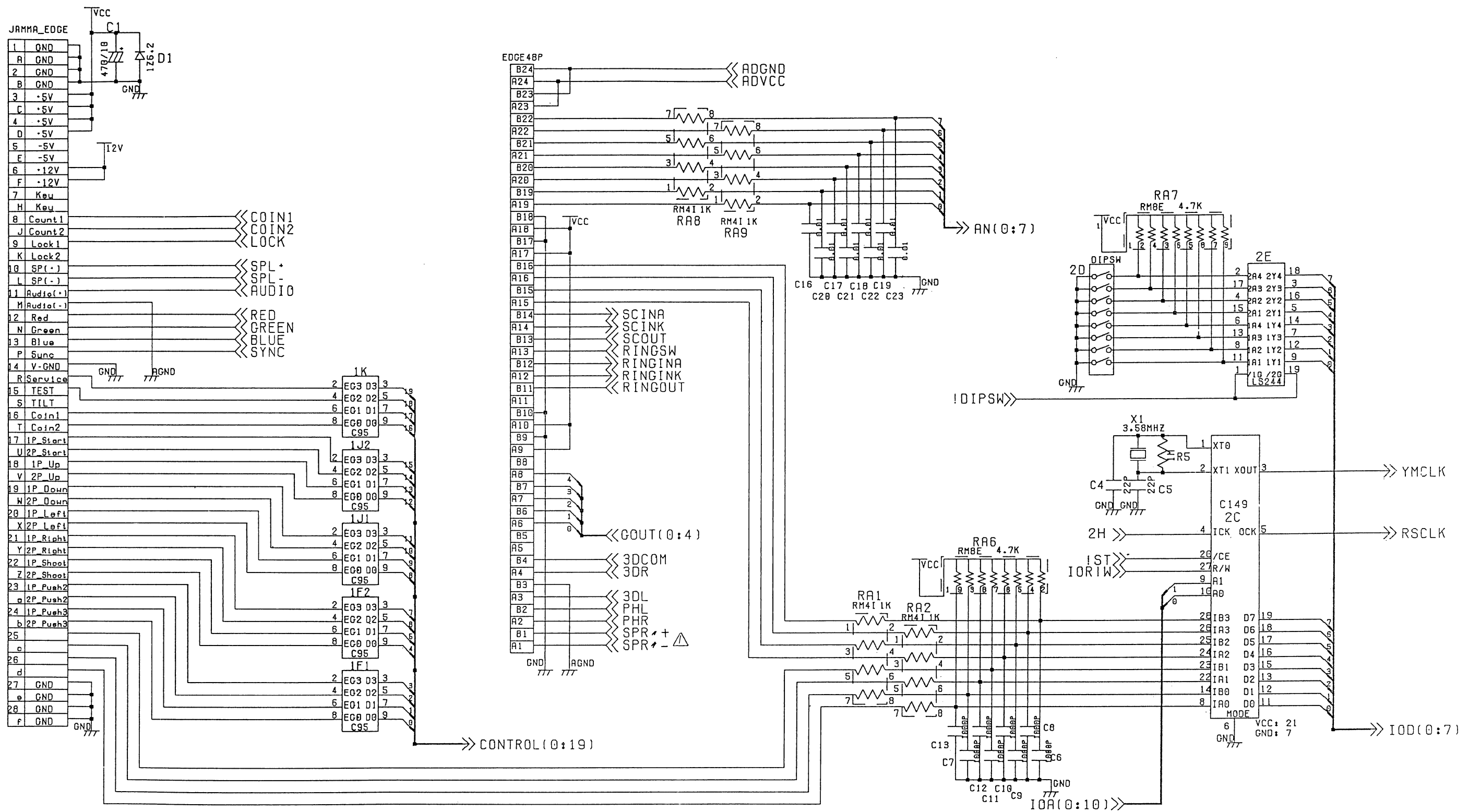




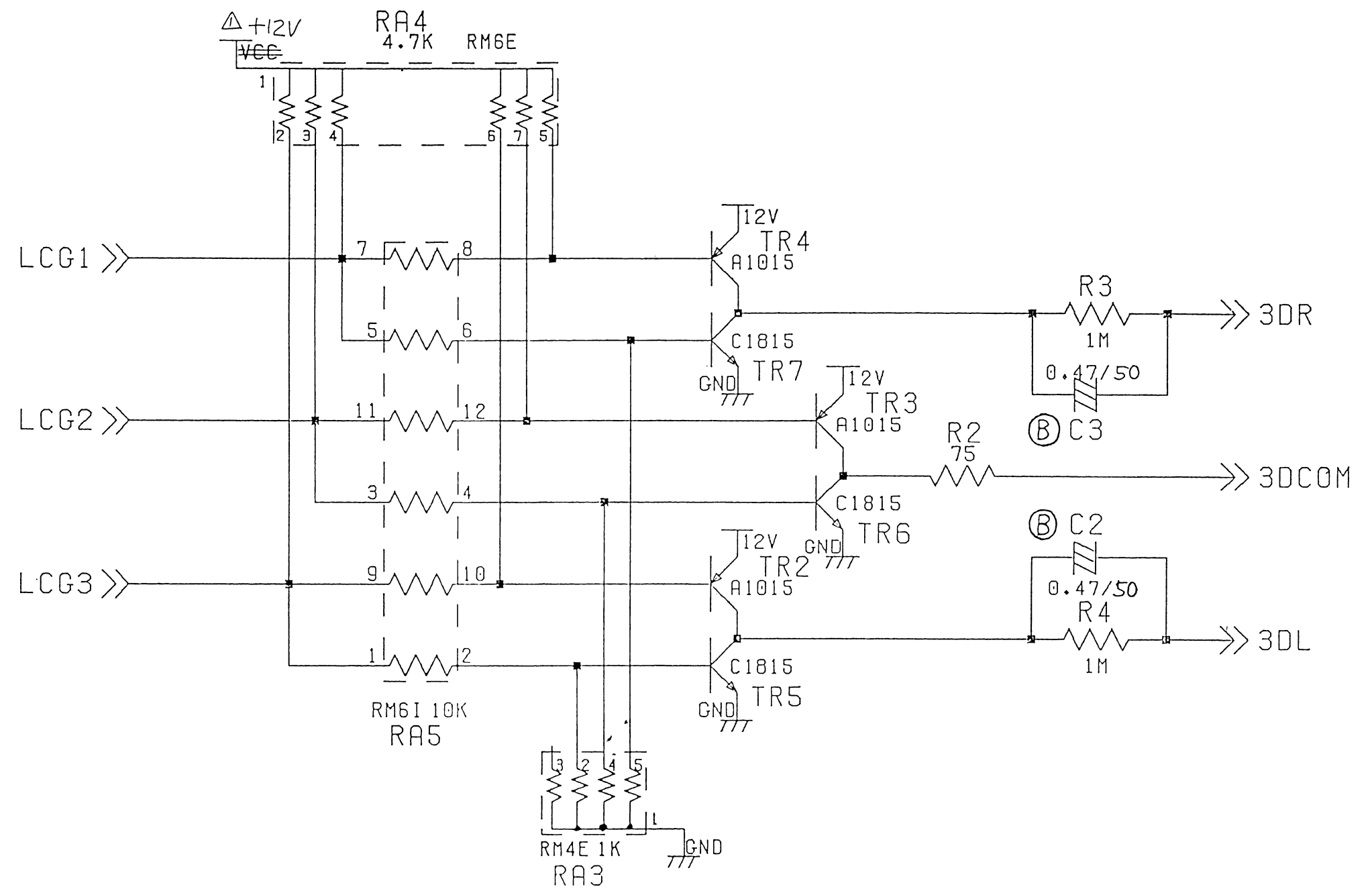
CPU PCB	
86189509	



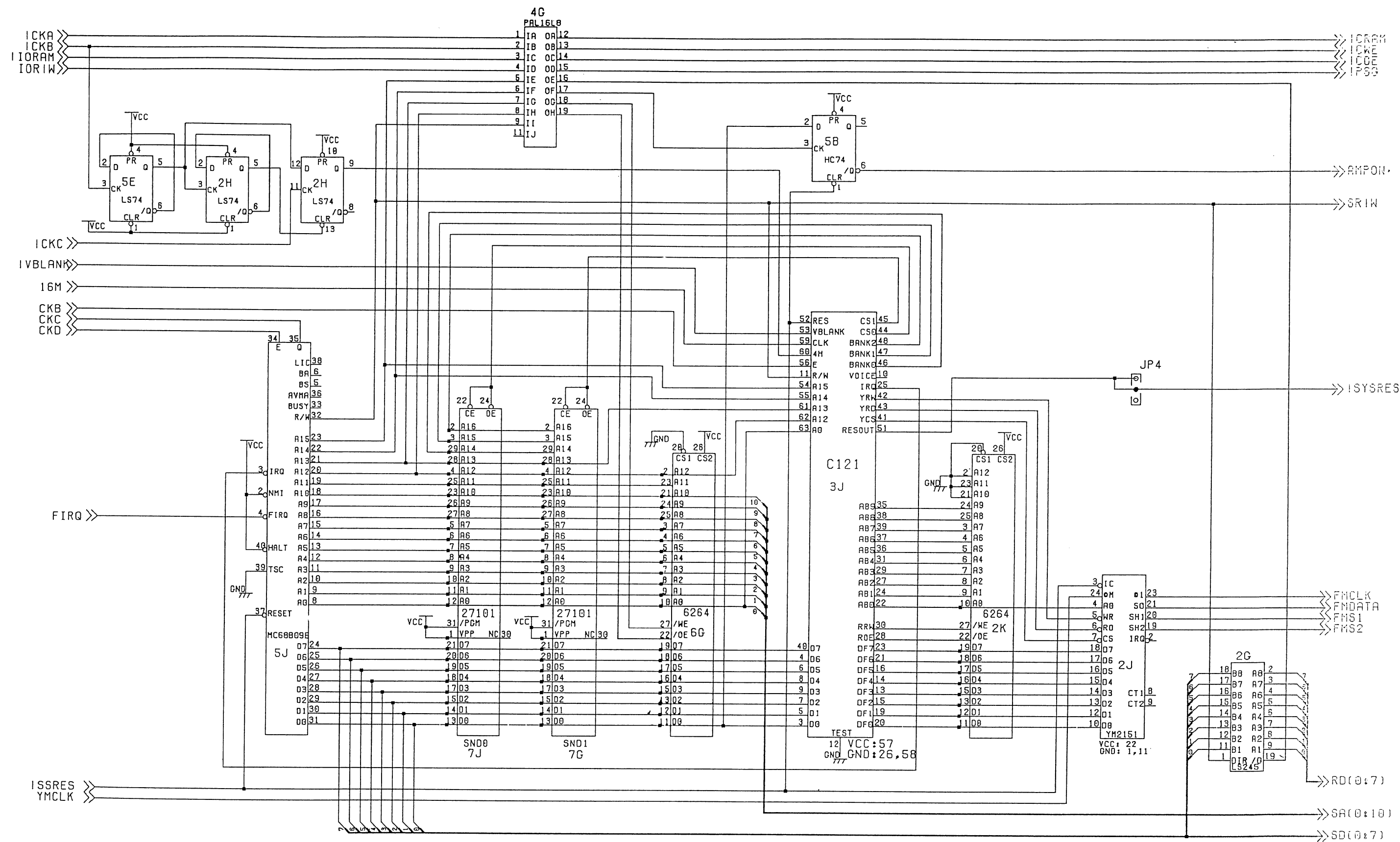
CPU PCB
86189510

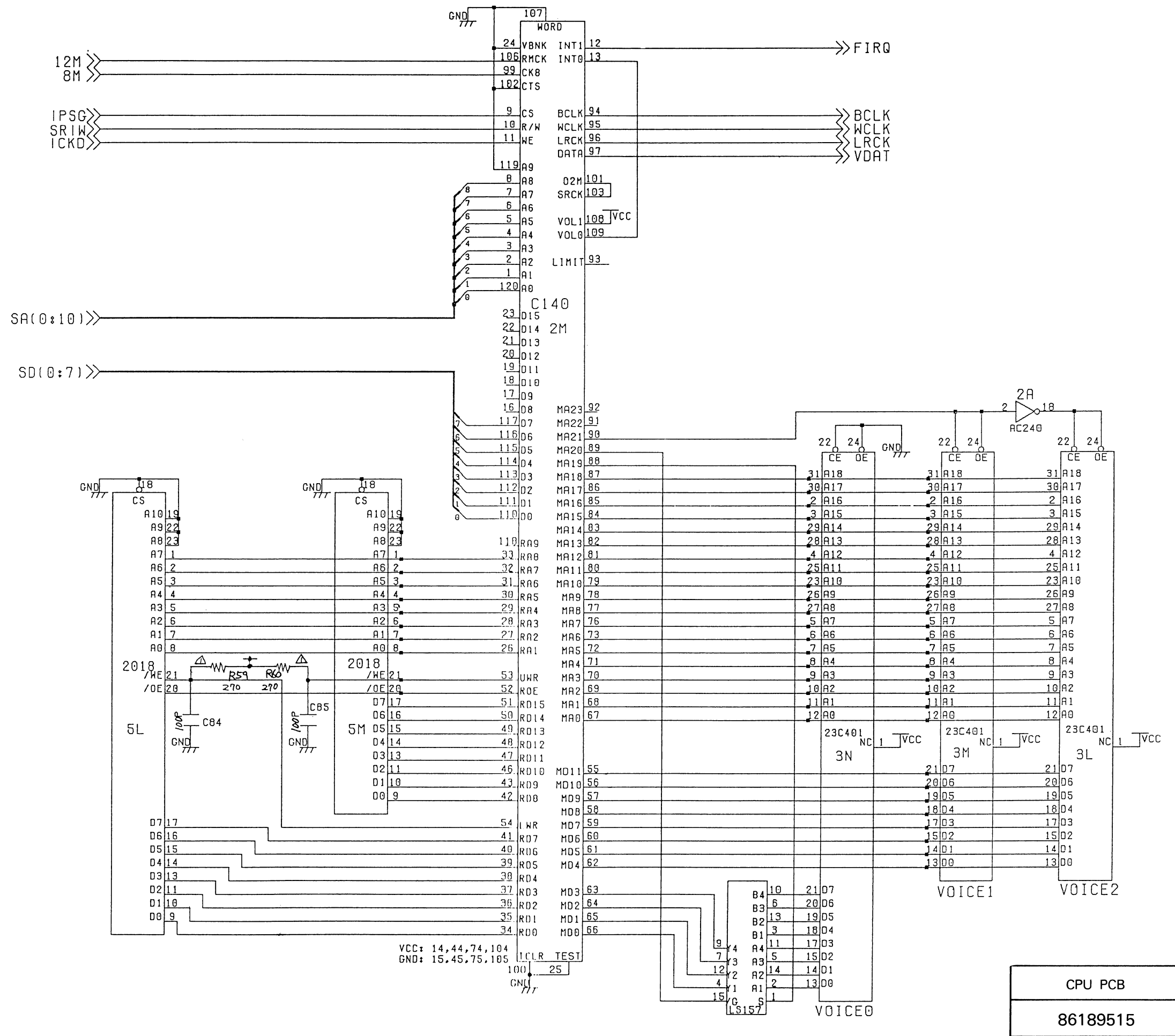


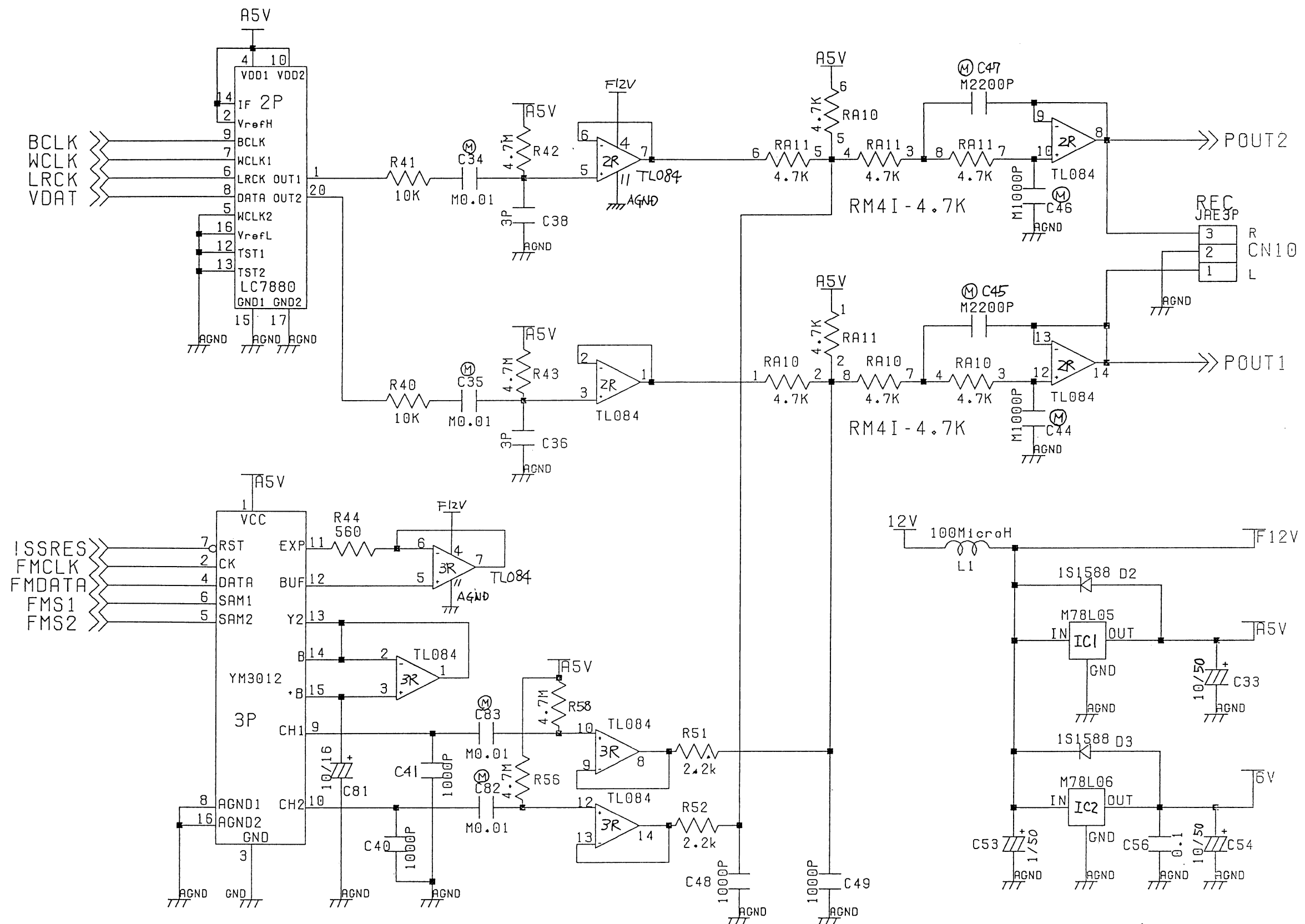
CPU PCB
86189512



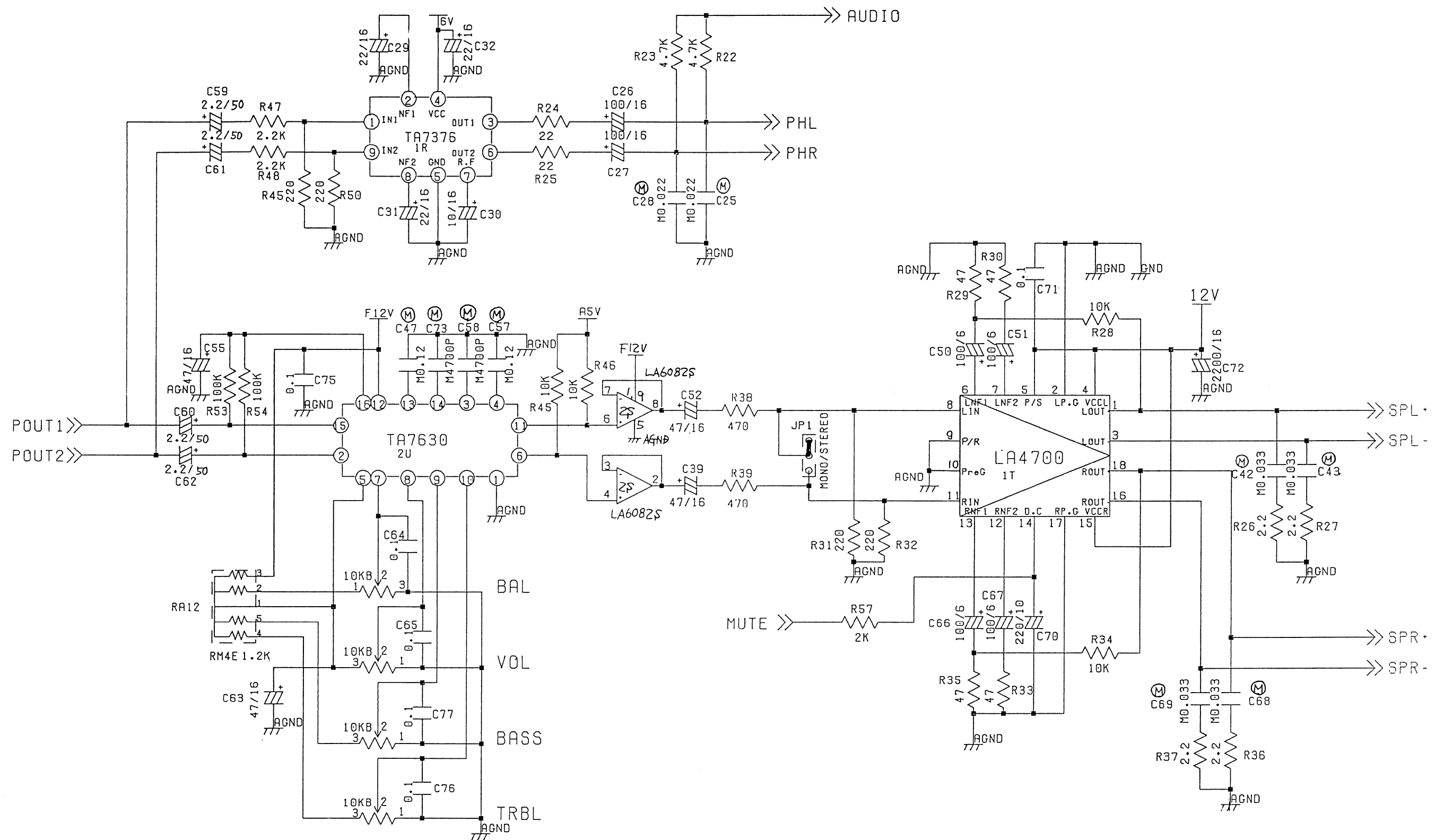
CPU PCB
86189513



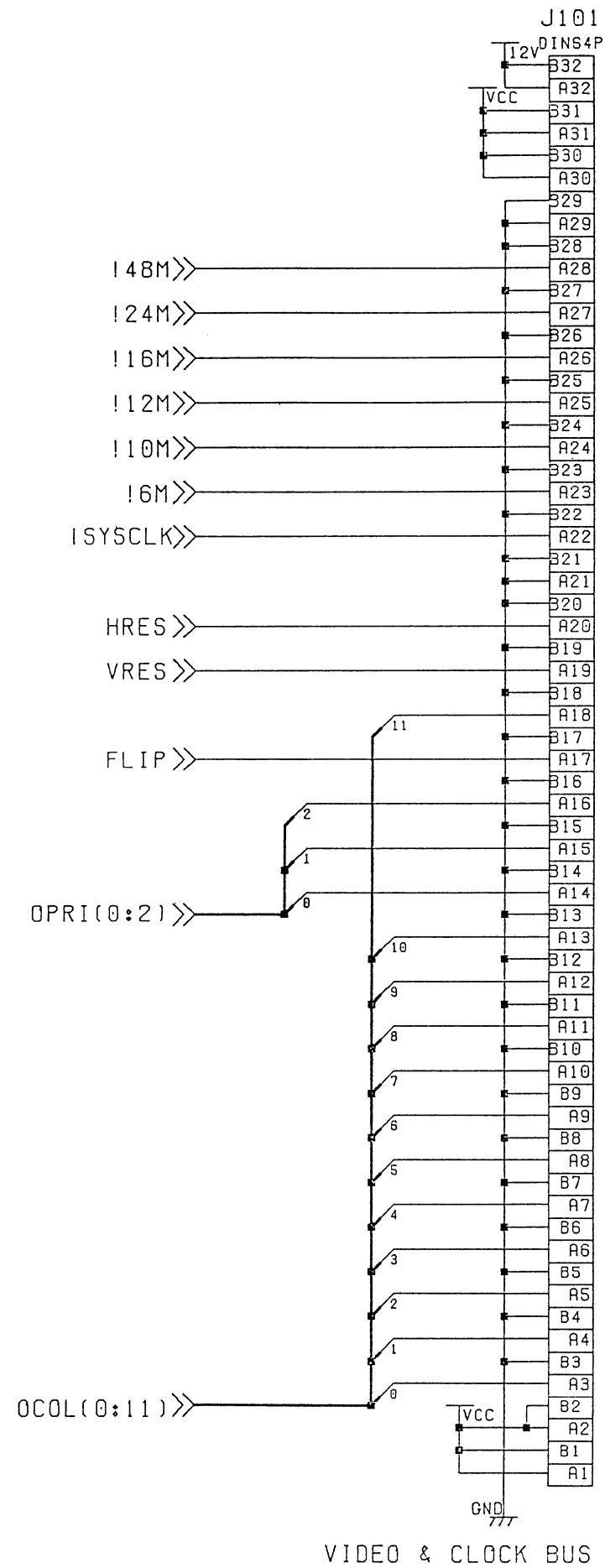
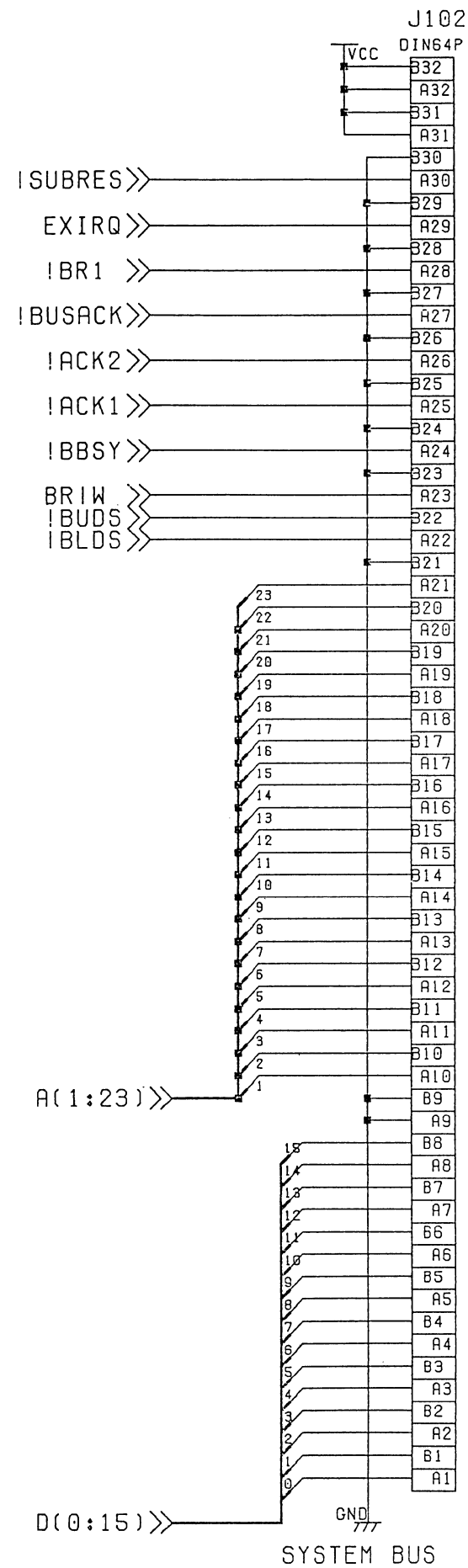




CPU PCB
86189516

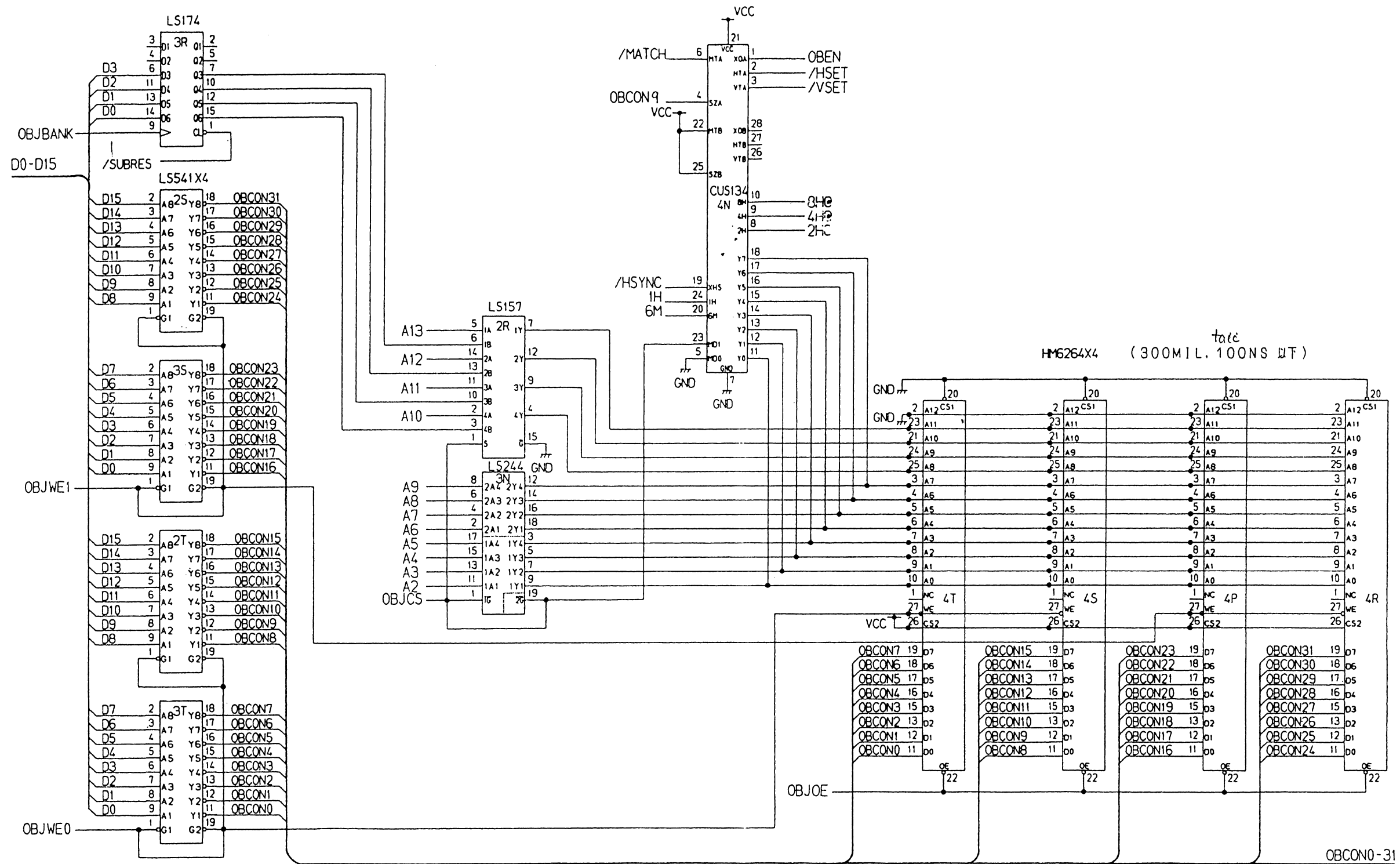


CPU PCB
86189517



CPU PCB

86189518

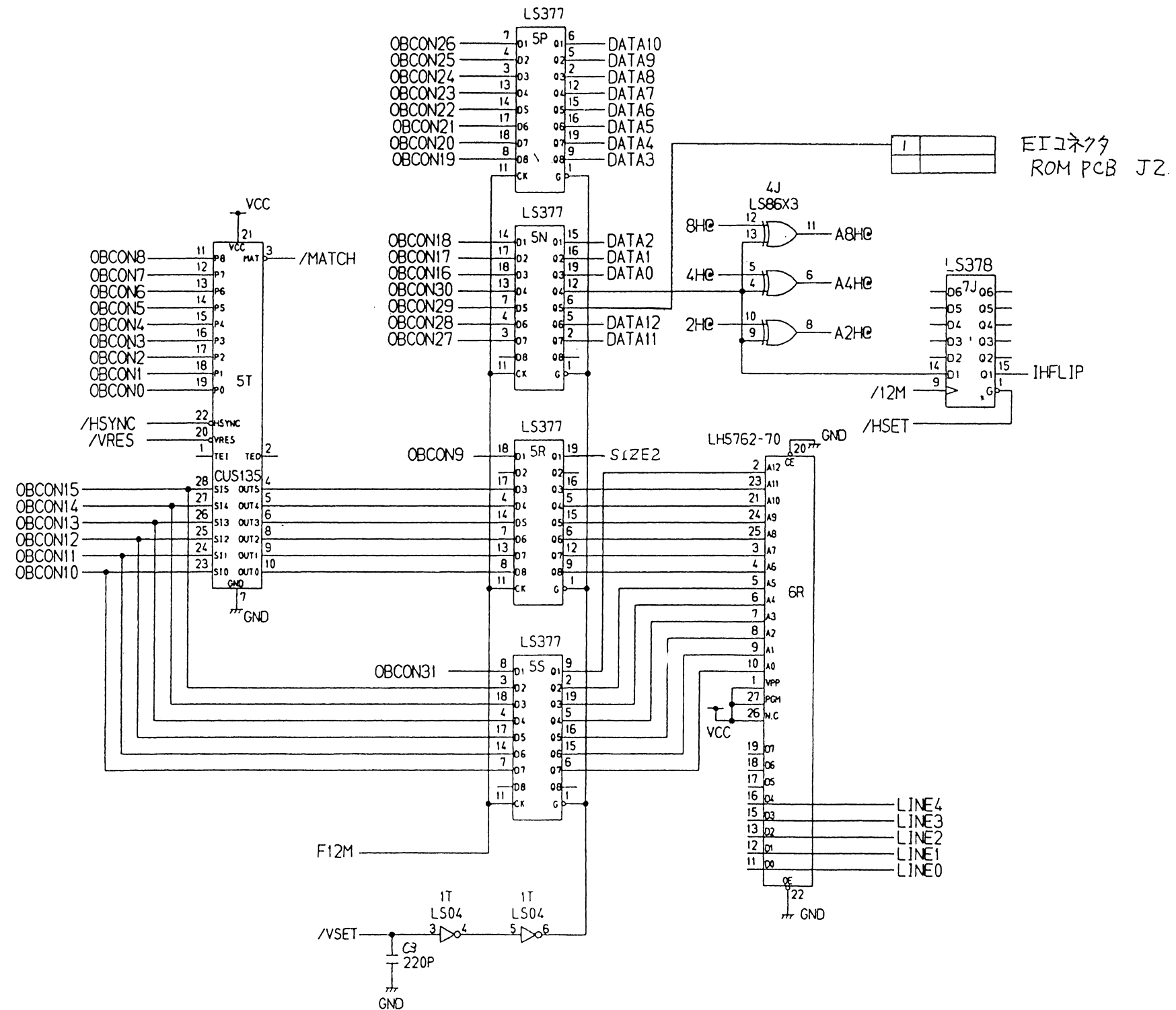


OBJECT CONTROLLER

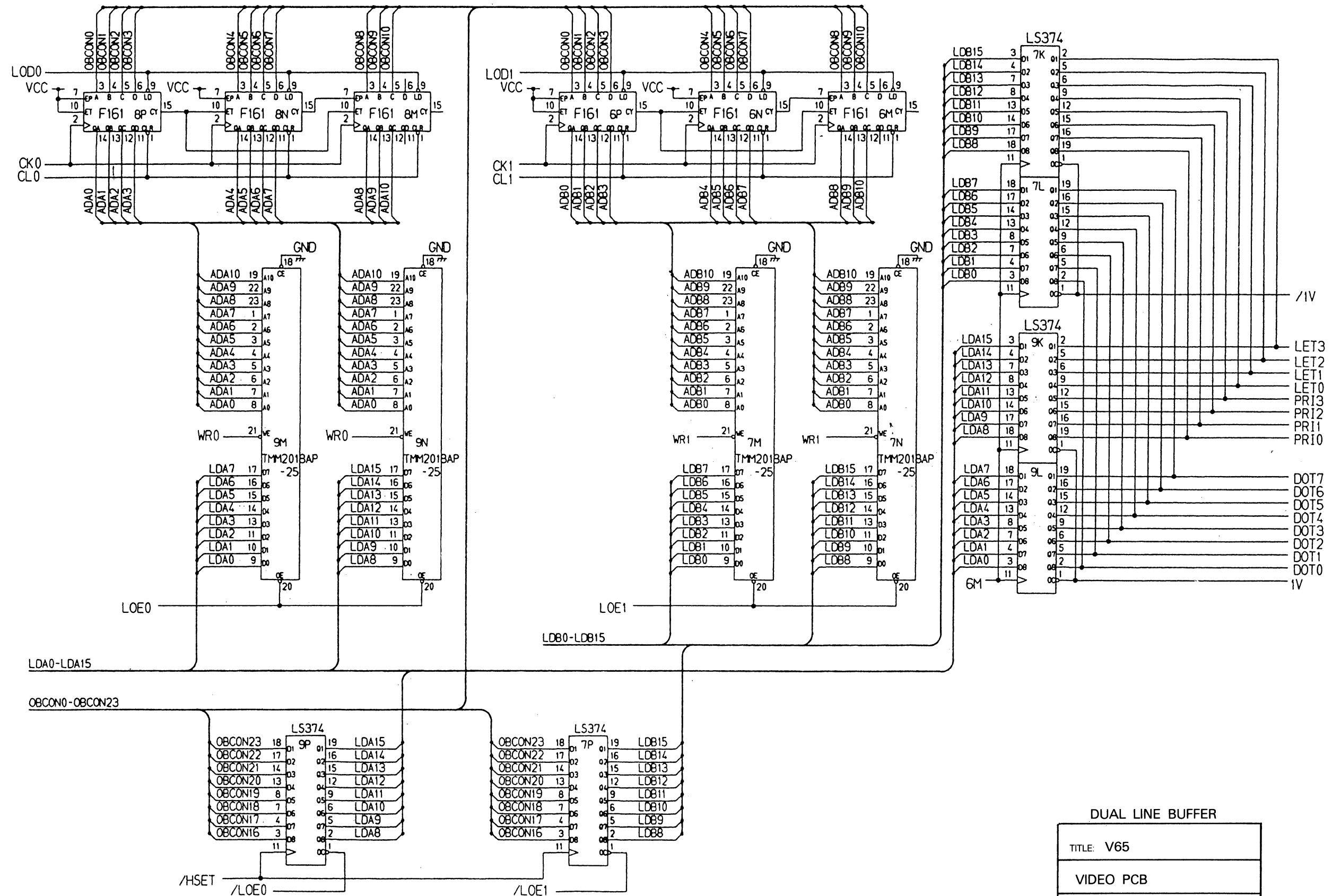
TITLE: V65

VIDEO PCB

DRAW NO. 22949502



V - LINE	
TITLE:	V65
VIDEO PCB	
DRAW NO.	22949503

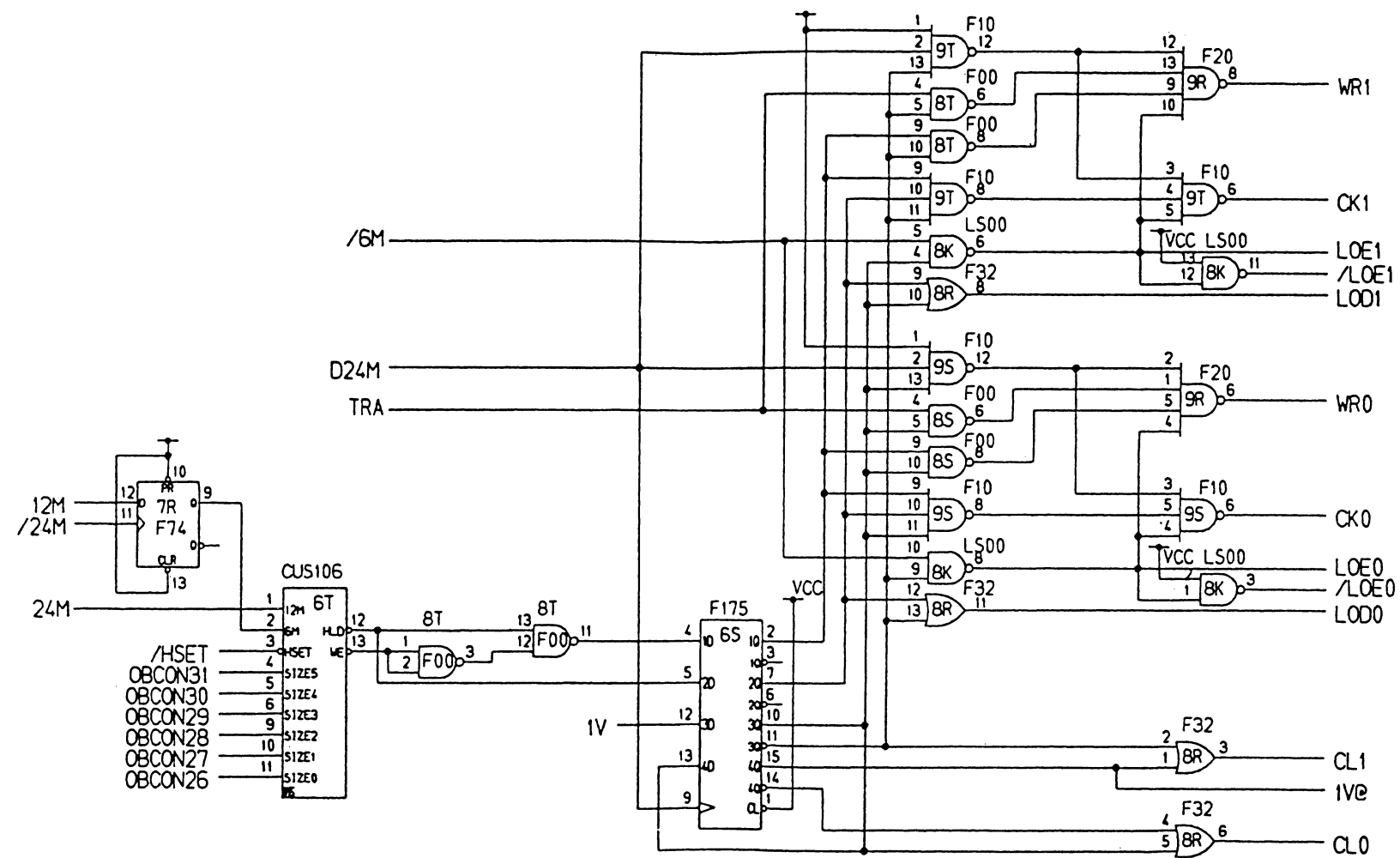


DUAL LINE BUFFER

TITLE: V65

VIDEO PCB

DRAW NO. 22949505

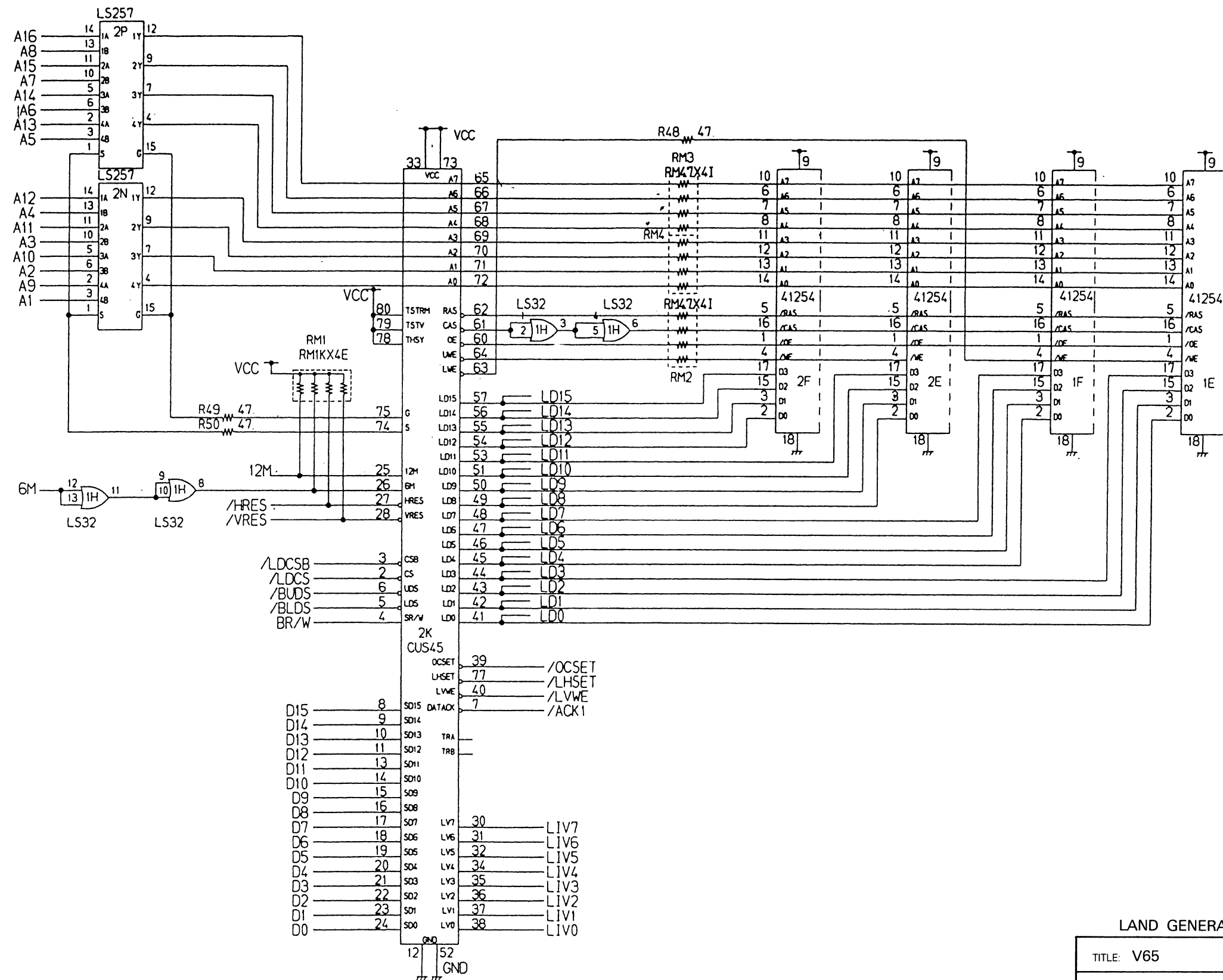


L. B. CONTROLLER

TITLE: V65

VIDEO PCB

DRAW NO. 22949506

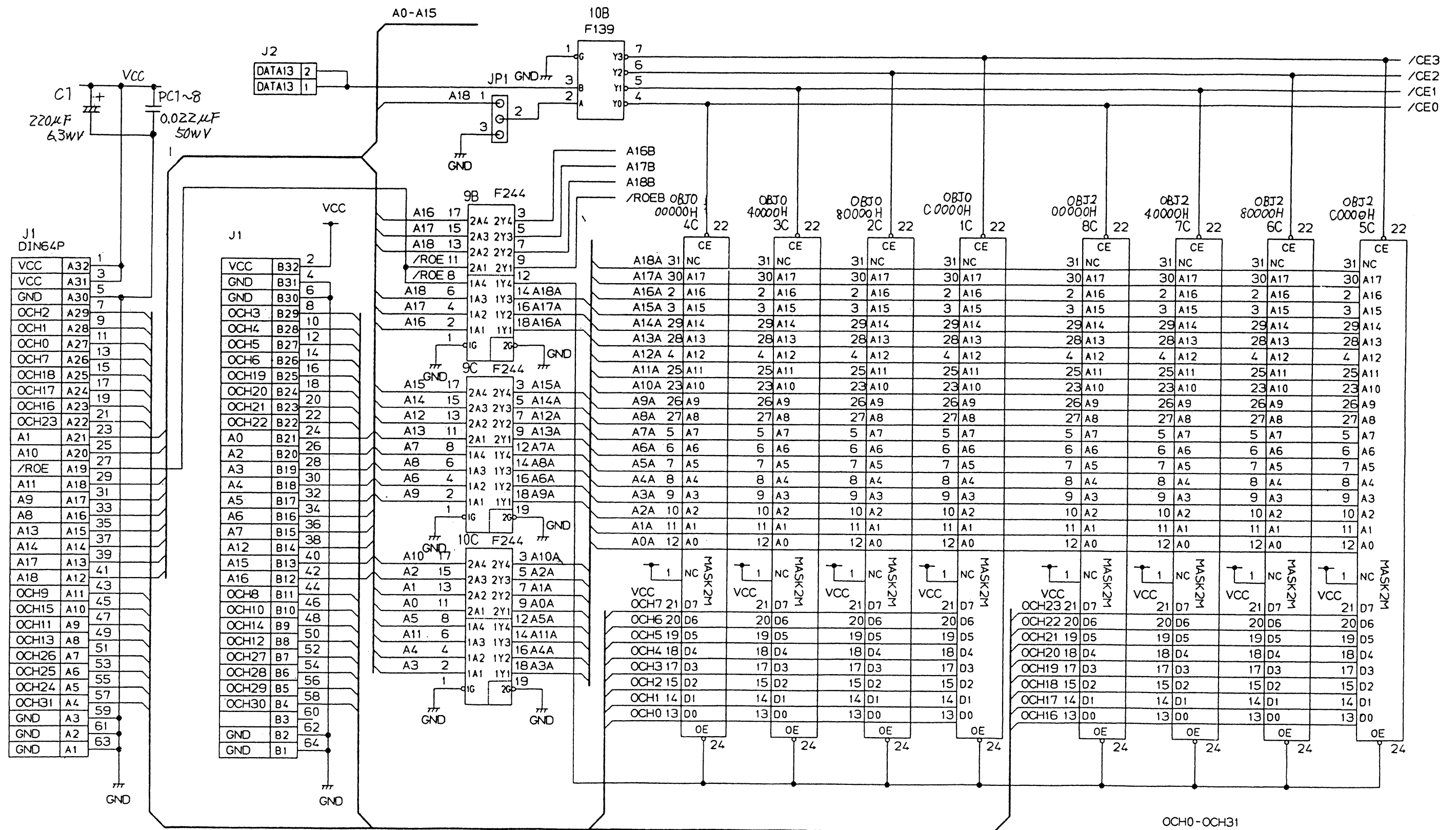


LAND GENERATOR

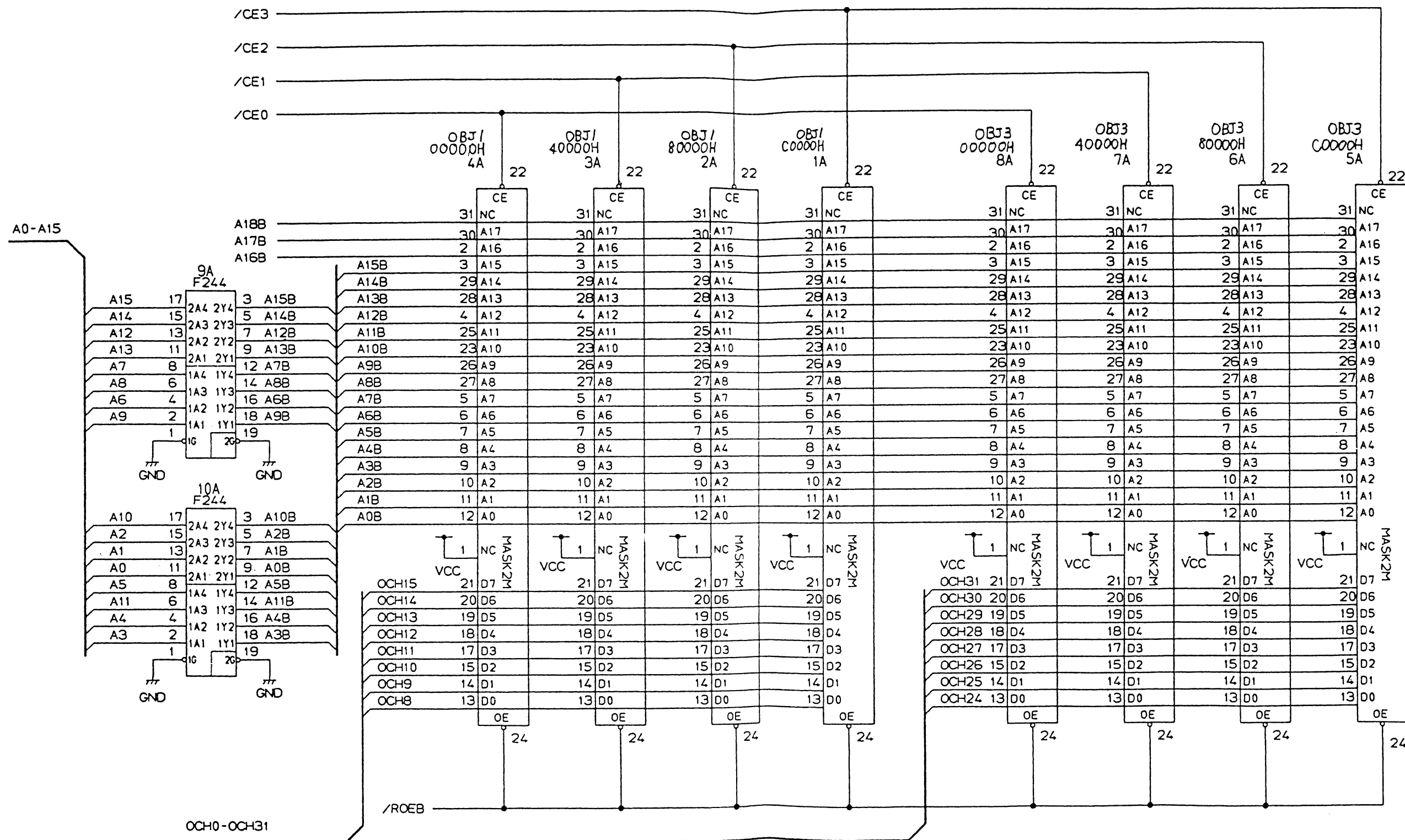
TITLE: V65

VIDEO PCB

DRAW NO. 22949507



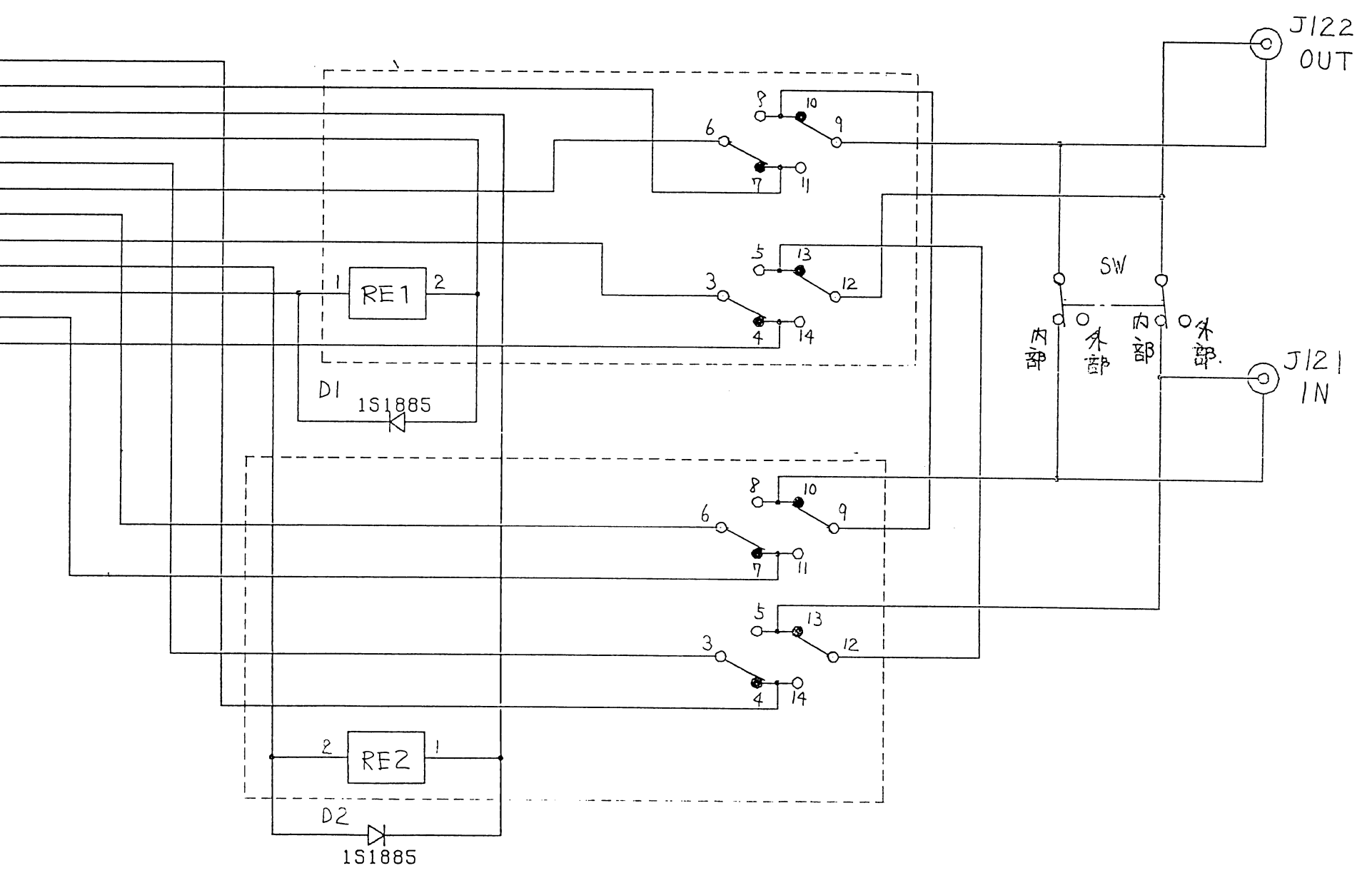
TITLE: V65
ROM PCB
DRAW NO. 22949511



TITLE: V65
ROM PCB
DRAW NO. 22949512

J120

	A1
	B1
	A2
	B2
RING OUT(R)	A3
GND	B3
VCC	A4
RING SW(L)	B4
RING A(R)	A5
RING C(L)	B5
RING C(R)	A6
RING A(L)	B6
RING SW(R)	A7
VCC	B7
GND	A8
RING OUT(L)	B8



TITLE: V65
LINK - PCB
DRAW NO. 22949531

