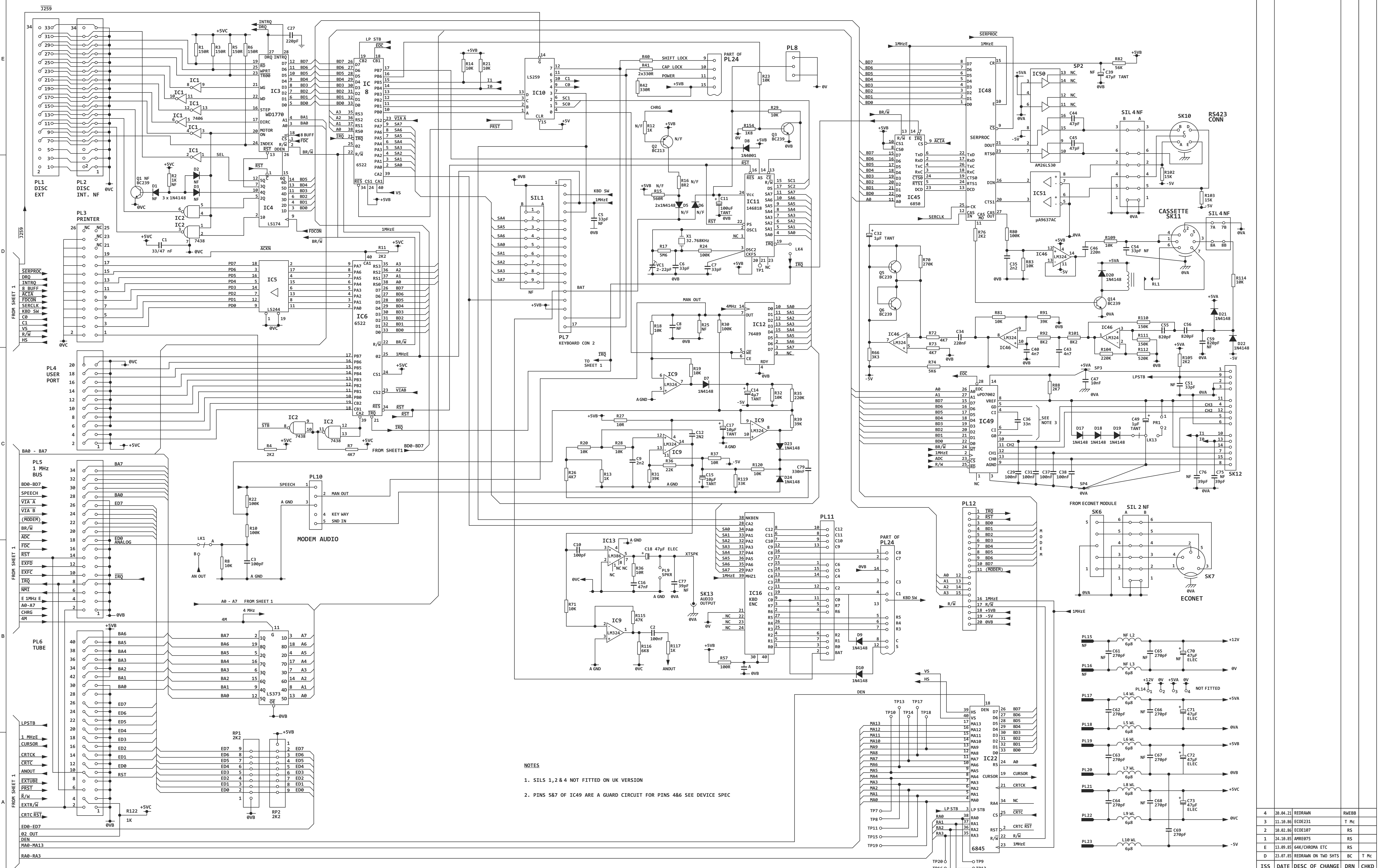


SUPPLY	IC NO	OV	+5V	TYPE NO
C	1	7	14	7406
C	2	7	14	7438
C	3	14	15	WD1770
C	4	8	16	74LS174
C	5	10	20	74LS244
C	6	1	20	6552
C	7	10	20	74LS373
B	8	1	20	6522
B	9	*	*	LM324
B	10	8	16	74LS359
B	11	12	*	146818
B	12	8	16	74689
B	13	*	6	LM386
B	14	1.5, 21	8	655C4
B	15	10	30	I/O CONT. CF30050
B	16	10, 20	*	KEYBOARD CF30047
B	17	18	9	4464
B	18	18	9	4464
B	19	7	14	74LS14
B	20	10, 32	30	MEMCONT2 CF30058
B	21	18	9	4464
B	22	1	20	6845
B	23	18	9	4464
B	24	14	28	EROS
B	25	7	14	74LS86
B	26	18	9	4464
B	27	14	28	ROM/EPROM
B	28	7	14	74574
B	29	8	16	74HCT253
B	30	8	16	74LS257A
B	31	10, 20	30, 40	CRTC MUX CF30048
B	32	1	18	SAA 5050
B	33	8	16	74HCT253
B	34	7	14	74500
B	35	8	16	74LS169
B	36	1	14	74F00
B	37	14	28	ROM/EPROM
B	38	7	14	74LS00
B	39	7	14	74LS02
B	40	10	20	CHROMA CF30060
B	41	14	28	ROM/EPROM
B	42	1	16	VID PROC
B	43	7	14	74504
B	44	NOT USED		
B	45	1	12	6850
B	46	*	*	LM324
B	47	NOT USED		
B	48	14	28	SERPROC
A	49	*	*	µP07002
A	50	5	1	26LS30
A	51	4	1	µA9637AC

* SEE CIRCUIT

- NOTES
- SIL 3 NOT FITTED ON UK VERSION
 - 2PIN LINK ON "AB" ONLY
LINK "DB" TO PROVIDE EXTERNAL CLOCK TO COMPUTER
LINK "CD" TO PROVIDE 8 MHZ TO CARTRIDGES
 - LK18, 19 IN POSITIONS "WEST"
ALTERNATIVE POSITIONS ENABLE ROM SOCKETS 41 & 37 RESPECTIVELY

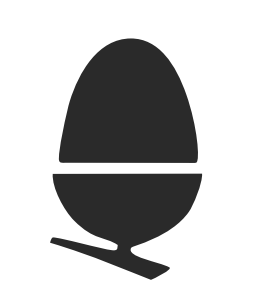


NOTES

- SILS 1, 2 & 4 NOT FITTED ON UK VERSION
- PINS 5&7 OF IC49 ARE A GUARD CIRCUIT FOR PINS 4&6 SEE DEVICE SPEC

SCALE	ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED
MATERIAL	
FINISH	
WHOLE No. TOL.	DECIMAL No. TOL.
	ANGLE TOL.

Copyright of this drawing is reserved by ACORN COMPUTERS LTD. It is issued on condition that it is not copied, reproduced or disclosed to a third party, either wholly or in part, without the consent in writing of ACORN COMPUTERS LTD.



© COPYRIGHT 1985 ACORN COMPUTERS LTD. FULBOURN ROAD, CHERY HINTON, CAMBRIDGE CB1 4JN	TITLE	MASTER 128 MAIN PCB CIRCUIT DIAGRAM	SHEET 2 of 2
ACORN COMPUTERS Ltd	A0	DRG. No. 143,000 / C	

4	28.04.21	REDRAWN	RWE/BB	
3	11.18.86	ECOE231	T Mc	
2	18.02.88	ECOE187	RS	
1	24.18.85	AMRE675	RS	
E	13.09.85	64K/CHROMA ETC	RS	
D	23.07.85	REDRAWN ON TWO SHTS	BC T Mc	
ISS	DATE	DESC OF CHANGE	DRN	CHKD