

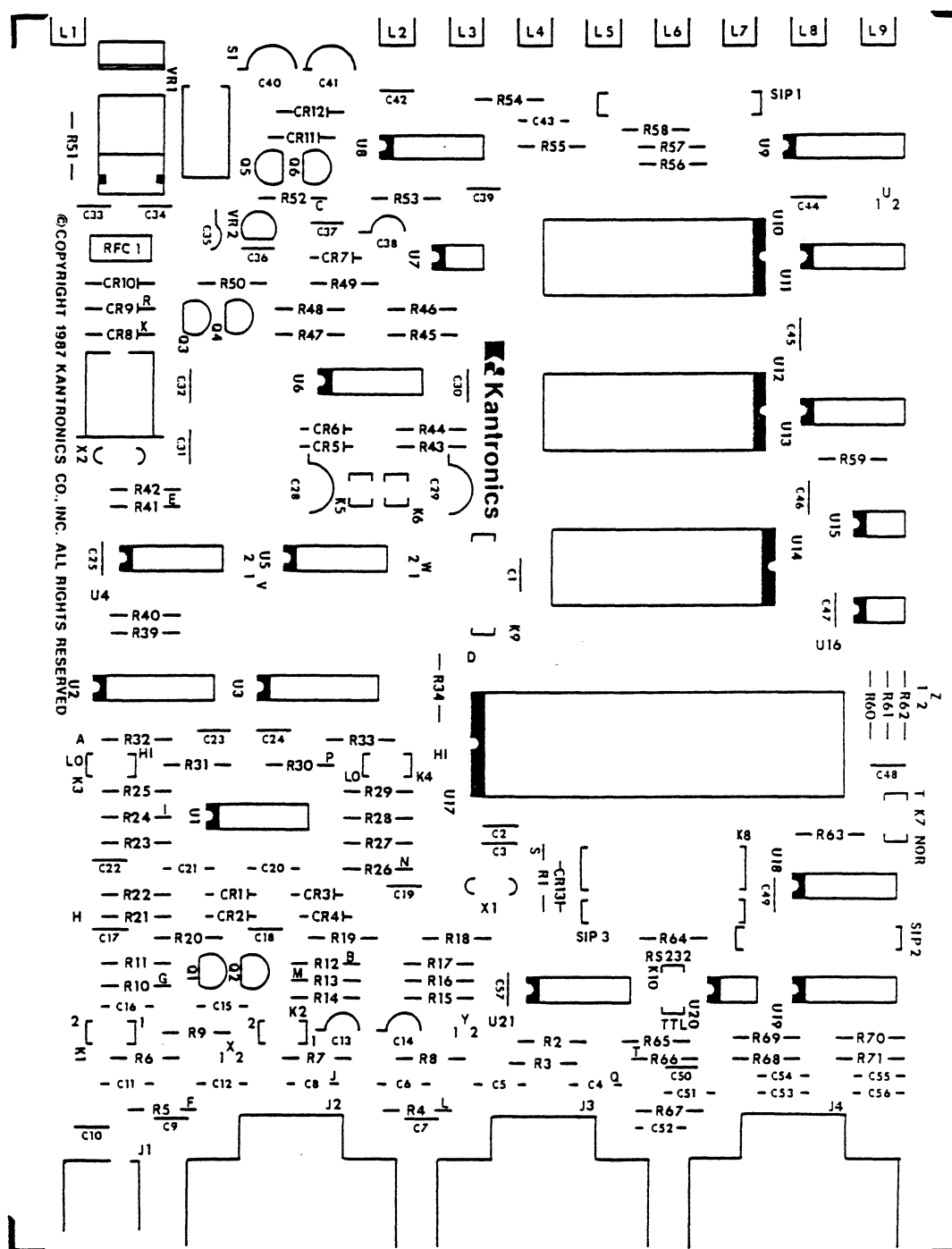
* +5v bypass C25, C30, C37, C42, C44, C45, C46, C47, C48, C49

TEST POINT

K8 PINS

K9 PINS

KPC-4 COMPONENT PLACEMENT DIAGRAM



U4 - 74HC00
U5 - 74HC00
U6 - LM339
U7 - TL7705
U8 - 4069
U9 - 74HC259
U11 - 74HC10
U12 - 42832
U13 - 74HC04
U14 - 27C256
U16 - 2404
U17 - 63B03X
U18 - 4070
U19 - MC34074
U20 - LM358
U21 - 4070

VR1 - 78M05
VR2 - 79L05

X1 - 7.3728MHz
X2 - 4.4336MHz

KPC-4 PARTS LIST

Version 2.85
Installation Manual

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KPC-4 Parts List

C1 - .1	C54 - .001	R27 - 220
C2 - 20pf	C55 - .001	R28 - 1M
C3 - 20pf	C56 - .001	R29 - 1K
C4 - .001	C57 - .1	R30 - 33K
C5 - .001		R31 - 33K
C6 - .001	CR1 - 1N914	R32 - 8.45 K
C7 - .01	CR2 - 1N914	R33 - 10K
C8 - .001	CR3 - 1N914	R34 - 2.2K
C9 - .01	CR4 - 1N914	
C10 - .1	CR5 - 1N914	R39 - 9.1K
C11 - .001	CR6 - 1N914	R40 - 33K
C12 - .001	CR7 - 1N914	R41 - 2.2K
C13 - 1uf	CR8 - 1N4001	R42 - 1M
C14 - 1uf	CR9 - 1N4001	R43 - 1M
C15 - .001	CR10 - 1N4001	R44 - 1M
C16 - .001	CR11 - 1N4001	R45 - 10K
C17 - .1	CR12 - 1N4001	R46 - 100K
C18 - .1	CR13 - 1N914	R47 - 1K
C19 - .1		R48 - 1K
C20 - .001	Q1 - PN2222	R49 - 100K
C21 - .001	Q2 - PN2222	R50 - 10K
C22 - .1	Q3 - PN2222	R51 - 220
C23 - .1	Q4 - PN2222	R52 - 2.2K
C24 - .1	Q5 - PN2907	R53 - 2.2K
C25 - .1	Q6 - 2N2222	R54 - 100K
		R55 - 22K
C28 - 47uf	R1 - 100K	R56 - 220
C29 - 47uf	R2 - 100K	R57 - 220
C30 - .1uf	R3 - 10K	R58 - 220
C31 - 20pf	R4 - 620	R59 - 100K
C32 - 20pf	R5 - 620	R60 - 2.2K
C33 - .1	R6 - 100K	R61 - 100K
C34 - .1	R7 - 10K	R62 - 10K
C35 - 10uf Tant	R8 - 10K	R63 - 6.8K
C36 - .1	R9 - 100K	R64 - 51K
C37 - .1	R10 - 47K	R65 - 100K
C38 - 4.1	R11 - 4.7K	R66 - 120K
C39 - .1	R12 - 4.7K	R67 - 6.8K
C40 - 10	R13 - 47K	R68 - 270
C41 - 10	R14 - 620	R69 - 270
C42 - .1	R15 - 10K	R70 - 6.8K
C43 - .001	R16 - 10K	R71 - 270
C44 - .1	R17 - 620	
C45 - .1	R18 - 15K	RFC1 - 10uh
C46 - .1	R19 - 6.8K	
C47 - .1	R20 - 6.8K	S1P1 - 220
C48 - .1	R21 - 15K	S1P2 - 100K
C49 - .1	R22 - 6.8K	S1P3 - 10K
C50 - .01	R23 - 1K	
C51 - .001	R24 - 1M	U1 - MC34074
C52 - .001	R25 - 220	U2 - 3105
C53 - .001	R26 - 6.8K	U3 - 3105