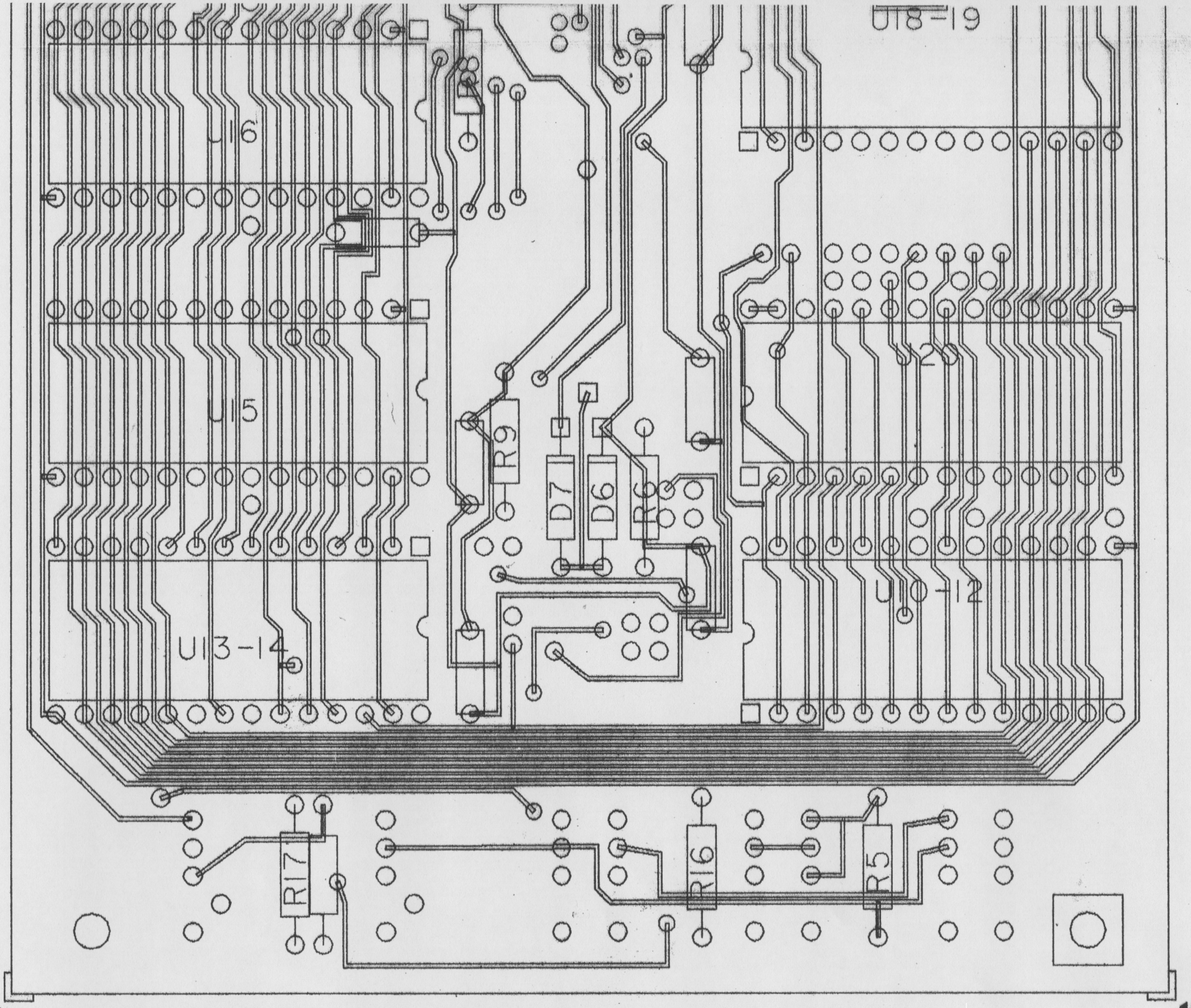
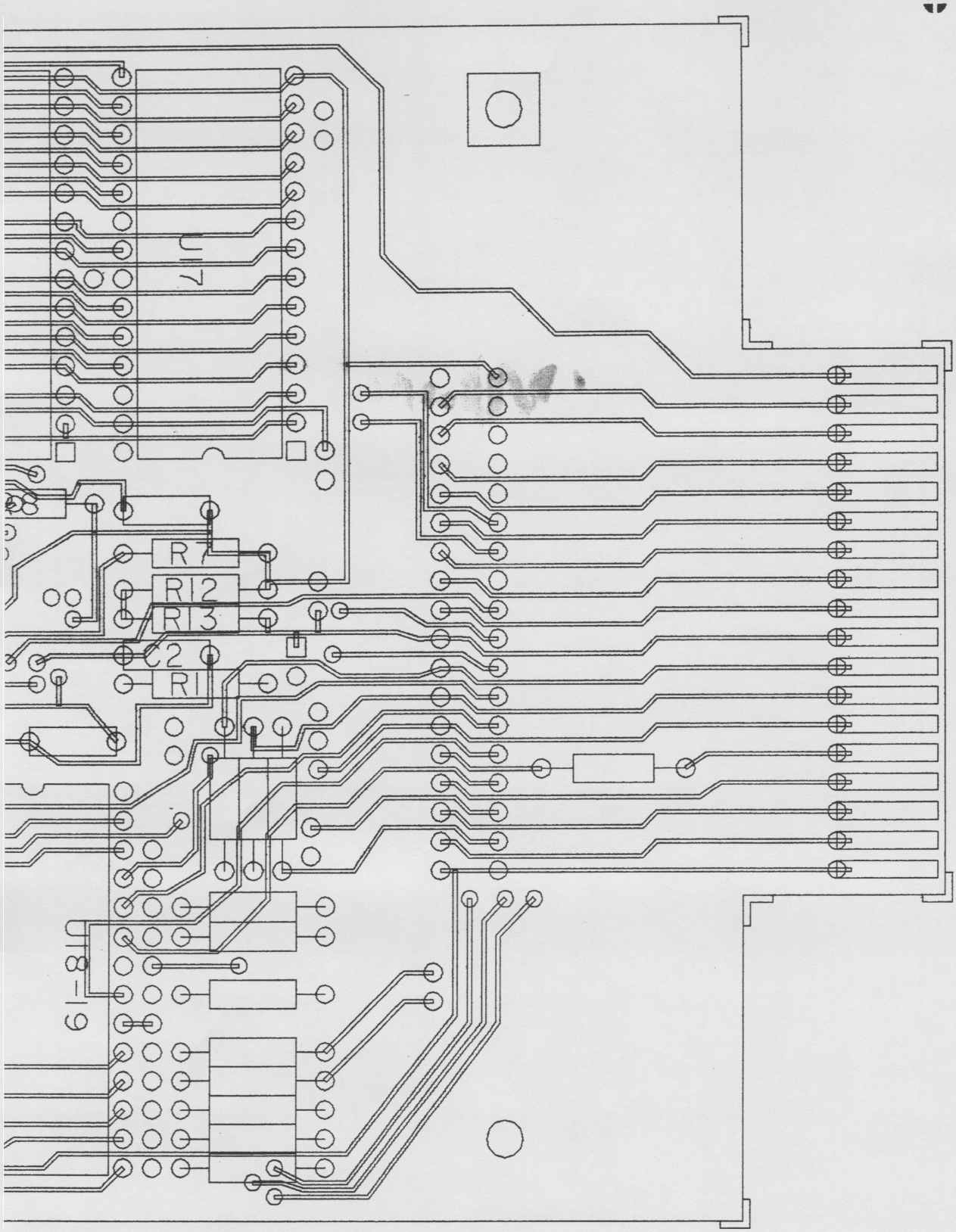
GK01 PARTS LIST 01/07/86

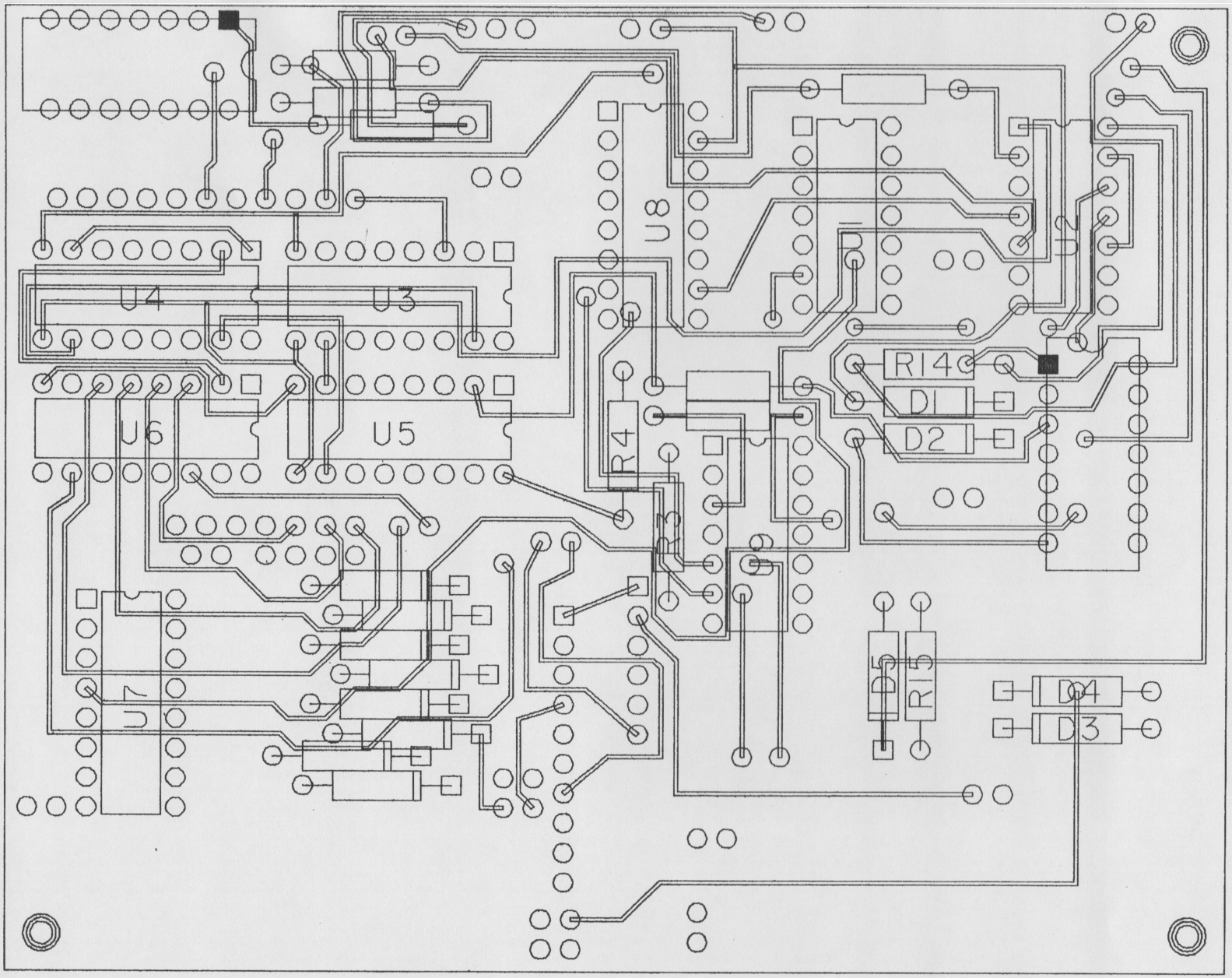
Code	Quant	Part Number	--------- Description ---------	
U1	1	74LS08	IC	QUAD 2 INPUT AND GATE
U2 & U21	2	74LS32	IC	QUAD 2 INPUT OR GATE
U3-U6	4	74LS161	IC	4 BIT BINARY COUNTER ASYNCH RESET
U7	1	74LS138	IC	1 OF 8 DECODER/DEMULTIPLEXER
U8	1	74LS139	IC	DUAL 1 OF 4 DECODER/DEMULTIPLEXER
U9	1	74LS74	IC	DUAL D FILP-FLOP
U22	1	74LS04	IC	HEX INVERTER
U10-14 & U18-19	7	HM6264LP-15	IC	8K X 8 CMOS STATIC RAM 150 NS
U14-U17	0	HM6264LP-15	IC	8K X 8 CMOS STATIC RAM 150 NS
U20	1	R27C64P	IC	8K X 8 CMOS PROM (Rockwell Part f
Q1	1	2N3904	TRANSISTOR	NPN SWITCHING
Q2	1	2N3906	TRANSISTOR	PNP SWITCHING
D1-D15	15	1N34A	DIODE	GENERAL PURPOSE GERMANIUM
C1	1	33 UF 16V TANT	CAPACITOR	33 UF - 16V - TANTLUM .200"
C2-C9	8	.1 UF 50V CERAMIC	CAPACITOR	.1 UF CERAMIC CAP .3 LS
R1	1	180-1/4-5%	RESISTOR	180 1/4 WATT 5% THIN FILM CARBON
R2a	1	CTS-750-81-R3.3K	RESISTOR	3.3K 1/4 WATT 5% 7 ELEMENT SIP
R2b	1	CTS-750-61-R3.3K	RESISTOR	3.3K 1/4 WATT 5% 5 ELEMENT SIP
R3-R9	7	15K-1/4-5%	RESISTOR	15K 1/4 WATT 5% THIN FILM CARBON
R10-R12	3	1K-1/4-5%	RESISTOR	1K 1/4 WATT 5% THIN FILM CARBON
R13	1	5.1K-1/4-2%	RESISTOR	5.1K 1/4 WATT 2% THIN FILM CARBON
R14	1	2.2K-1/4-5%	RESISTOR	2.2K 1/4 WATT 5% THIN FILM CARBON
R15	1	4.7-1/4-5%	RESISTOR	4.7 1/4 WATT 5% THIN FILM CARBON
R16	1	130-1/4-5%	RESISTOR	130 1/4 WATT 5% THIN FILM CARBON
R17	1	100-1/4-5%	RESISTOR	100 1/4 WATT 5% THIN FILM CARBON
R18-R25	8	4.7-1/4-5%	RESISTOR	4.7 1/4 WATT 5% THIN FILM CARBON
R26	1	180-1/4-5%	RESISTOR	180 1/4 WATT 5% THIN FILM CARBON
R27	1	270-1/4-5%	RESISTOR	270 1/4 WATT 5% THIN FILM CARBON
R28	1	130-1/4-5%	RESISTOR	130 1/4 WATT 5% THIN FILM CARBON
R29 & R30	2	4.7-1/4-5%	RESISTOR	4.7 1/4 WATT 5% THIN FILM CARBON
R31	1	200-1/4-5%	RESISTOR	200 1/4 WATT 5% THIN FILM CARBON
R32 & R33	2	4.7-1/4-5%	RESISTOR	4.7 1/4 WATT 5% THIN FILM CARBON
R34	1	240-1/4-5%	RESISTOR	240 1/4 WATT 5% THIN FILM CARBON
SW0	1	B19AV	SWITCH	SPDT ON OFF MOM 90 PC MOUNT GOLD
SW1 & SW4	2	B22AV	SWITCH	DPDT ON---ON 90 PC MOUNT GOLD
SW2	1	B23AV	SWITCH	DPDT ON-OFF-ON 90 PC MOUNT GOLD
SW3	1	B12AV	SWITCH	SPDT ON---ON 90 PC MOUNT GOLD
B1	1	CR 2430	BATTERY	3 VOLT LITHIUM 1" COIN CELL 200 mA
B2	1	BH1000	BATTERY	BATTERY HOLDER PC MOUNT COIN CELL
S1	4	ICO-286-S8TG	SOCKET	28 PIN GOLD CONTACT SOLIDER TAIL
J1	1	TRW-501-18SN11	CONNECTOR	36 PIN, 18 PIN DUAL INLINE .100"
H1	1	HEADERS & CONN	MISC	.100" HEADER & CONNECTOR
SCREW-1	4	4-40 100 FLUSH	HARDWARE	4-40 X .50 100 FLUSH HEAD - BLACK
SCREW-2	2	4-40 PAN HEAD	HARDWARE	4-40 X .50 PAN HEAD SCREW - BLACK
FEET	2	STICK-ON RUBBER	FEET	.310 X .60 3M BUMPON RUBBER FEET
PCB-A	1	PCB-GK01-A	PCB	6.5 X 4.1 DOUBLE SIDED PCB
PCB-B	1	PCB-GK01-B	PCB	3.25 X 4.1 DOUBLE SIDED PCB
METAL CASE	1	SMC-GK01	SHEETMETAL	6 X 4.5 X 1 - .050 METAL CASE
SHIP-BOX	1	SHP-GK01	SHIPPING	9 X 10 X 4 WHITE BOX
BUBBLE PAC	1	BBP-GK01	SHIPPING	7 X 9 X 2 CONDUCTIVE BUBBLE PACK
DISKETTE	1	DIS-GK01	DISK	UTILITY DISK FOR GRAM KRACKER
LABELS	2	LBL-GK01	PRINTING	4 X 6 1 COLOR CRACK N PEEL
MANUAL	1	MAN-GK01	PRINTING	40 PAGE INSTRUCTION MANUAL
WARRANTY CARD	1	WAR-GK01	PRINTING	WARRANTY CARD
STUFFING	1	STF-GK01	LABOR	PCB STUFFING
ASSEMBLY	1	ASM-GK01	LABOR	FINAL ASSEMBLY AND TEST



LAYER PADMASTER
11-20-85

SOLDER SIDE

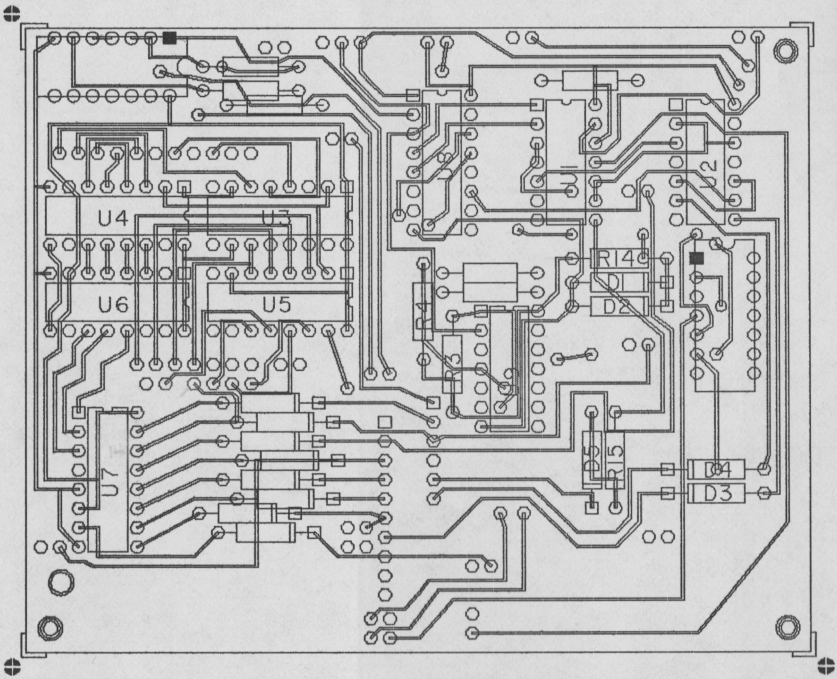

J1
R7
R12
R13
C2
R1
U8-19



LAYER PADMASTER
11-20-85

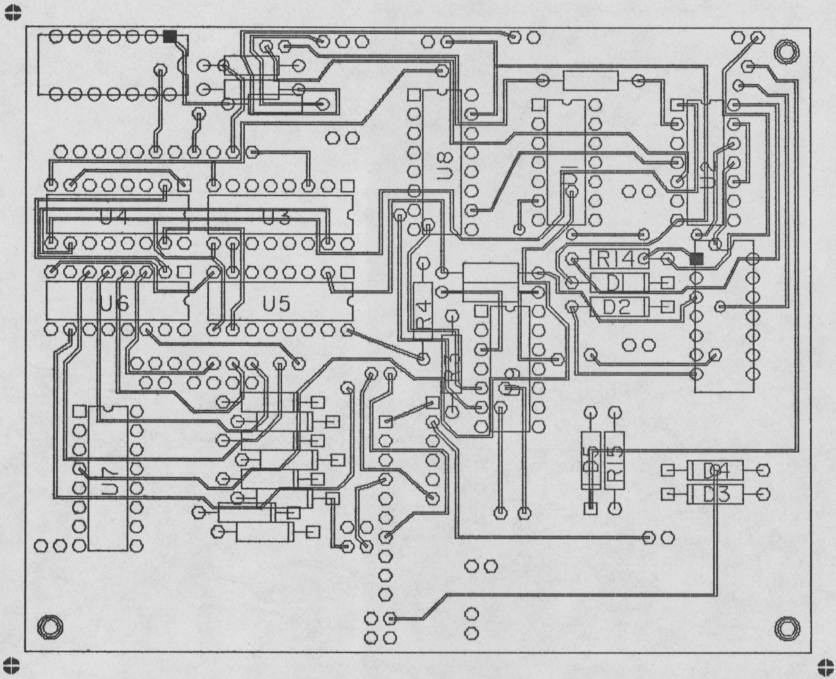
SOLDER SIDE

Production
11-20-85



COMPONENT SIDE

Production
11-20-85



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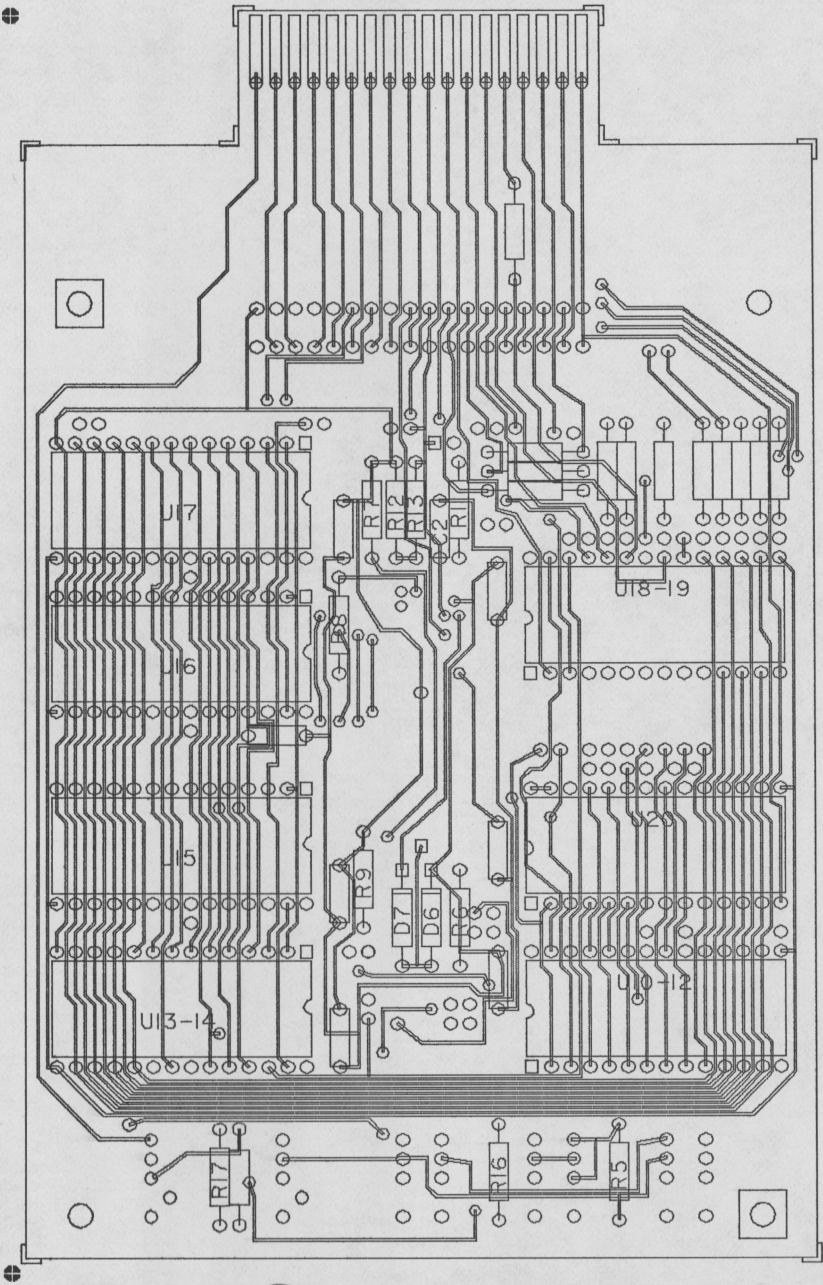

SOLDER SIDE

Production
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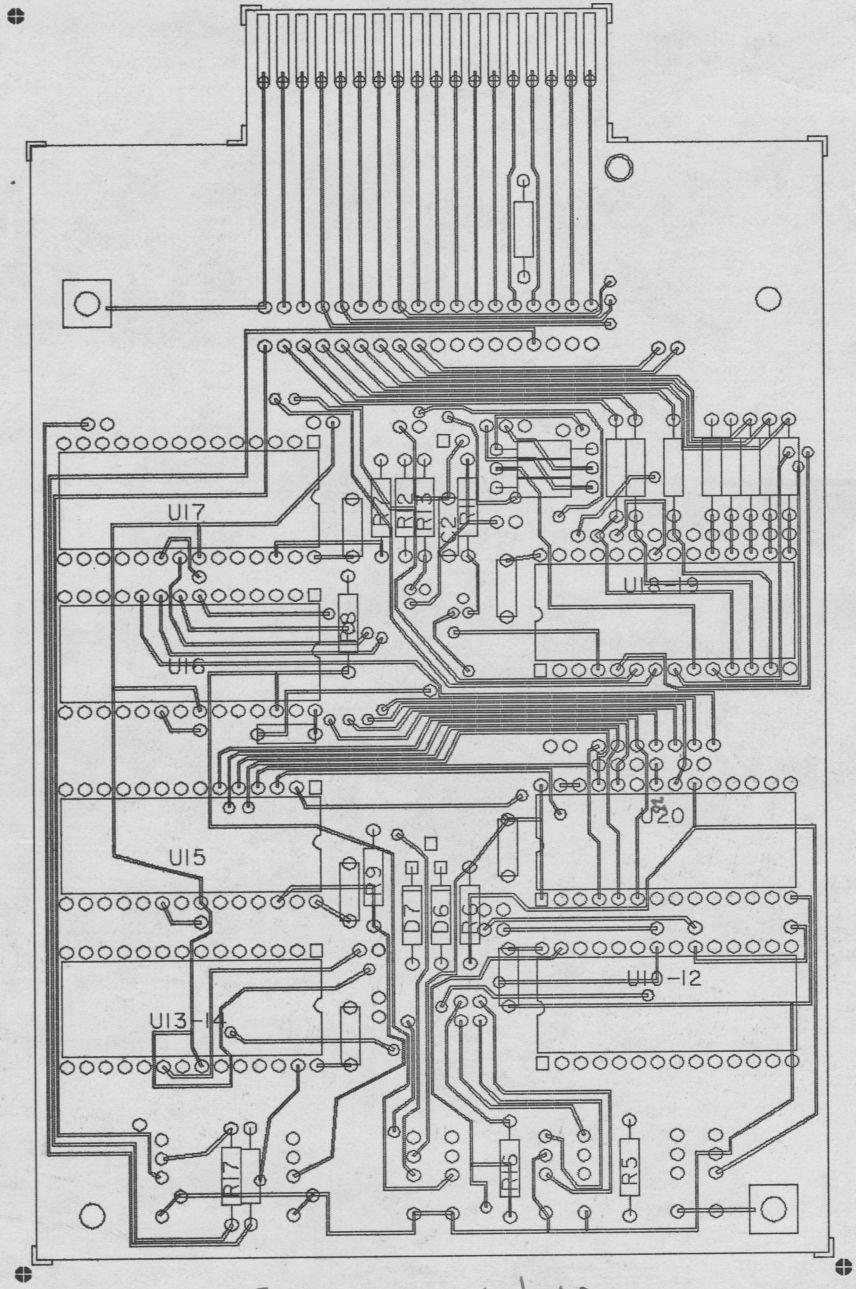

COMPONENT LAYER

Production if
pin 14 of U7
goes to pin 22
of U20 <u>Directly</u>

DC

i.e. before going through
resistor