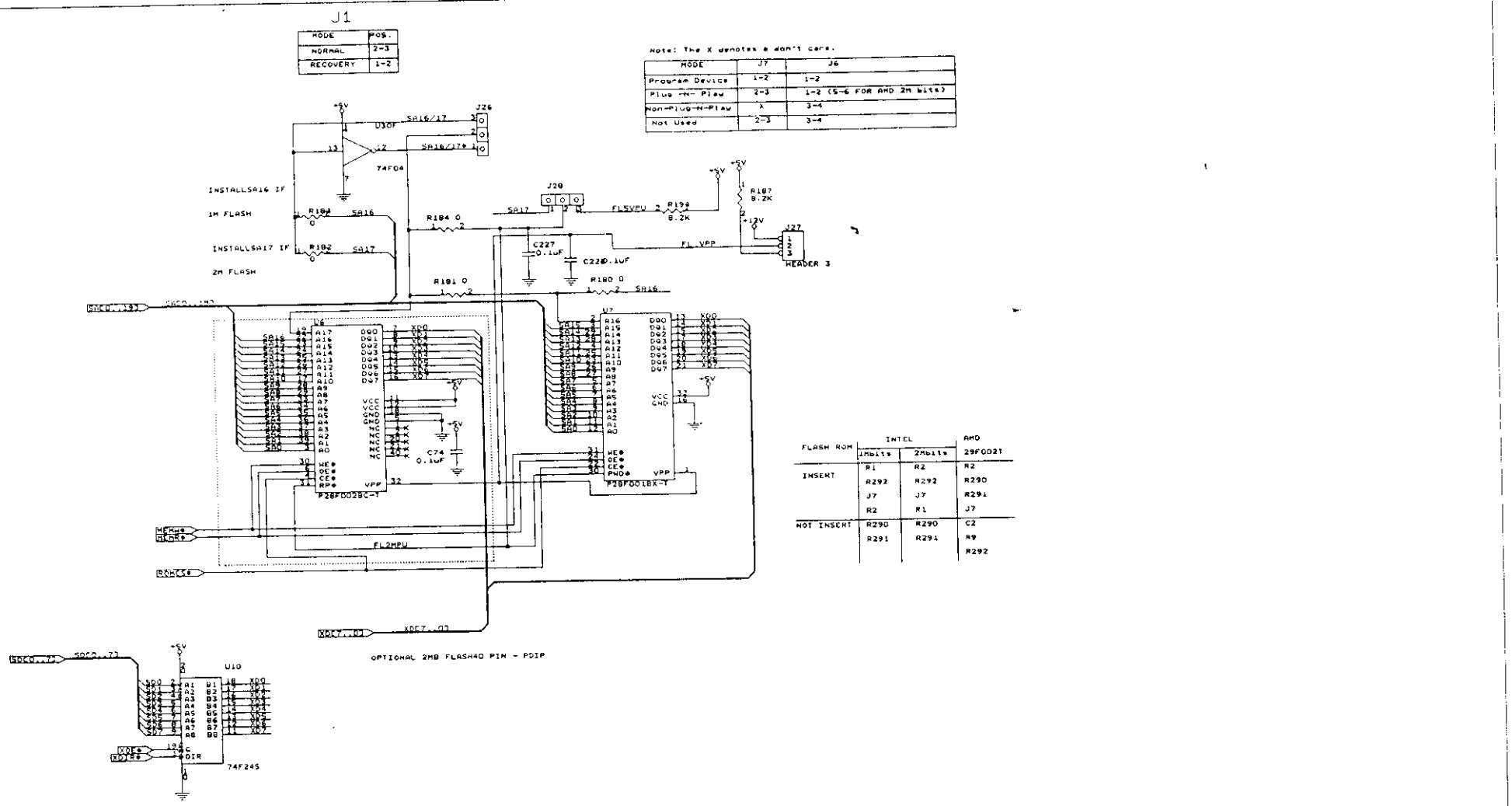
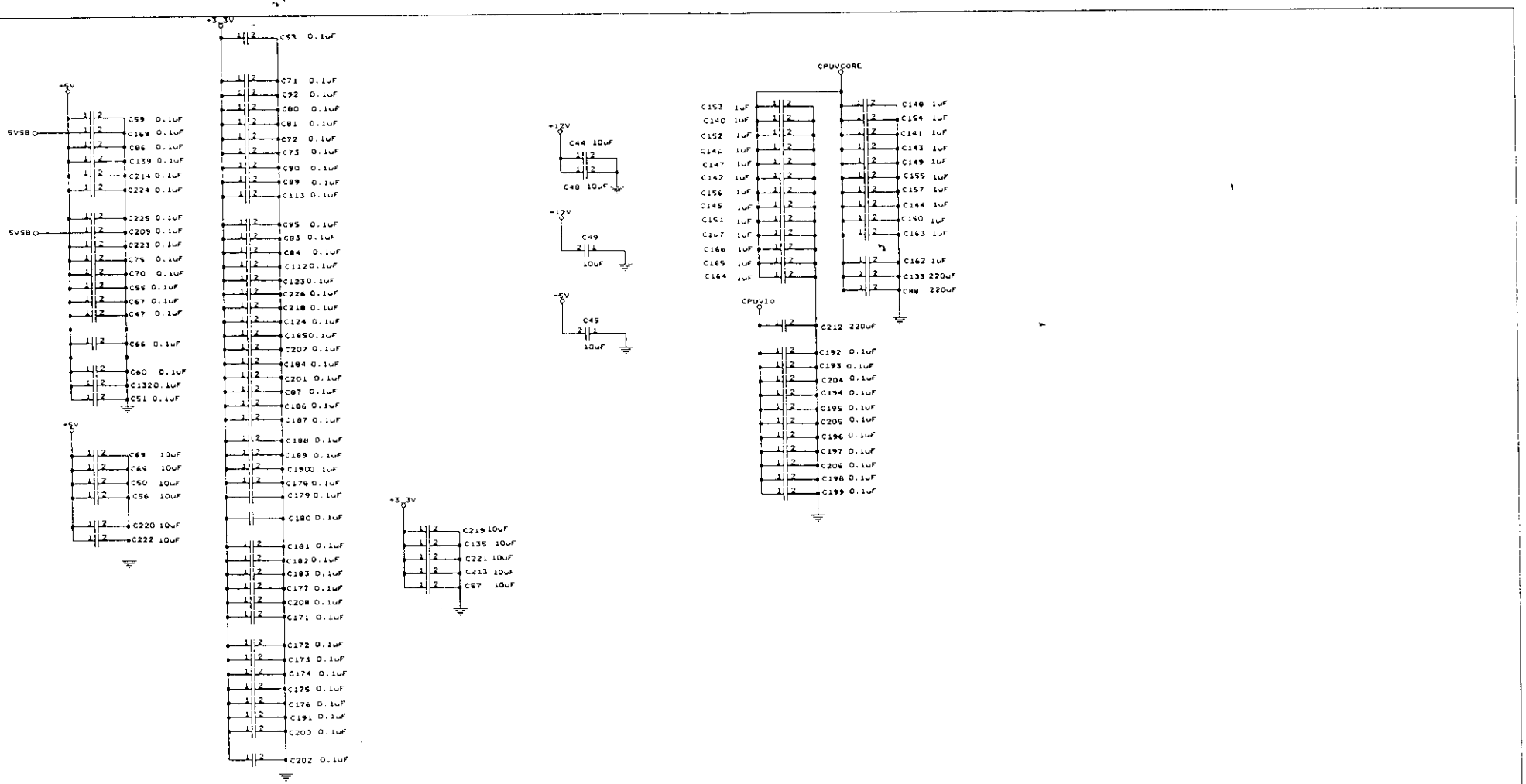
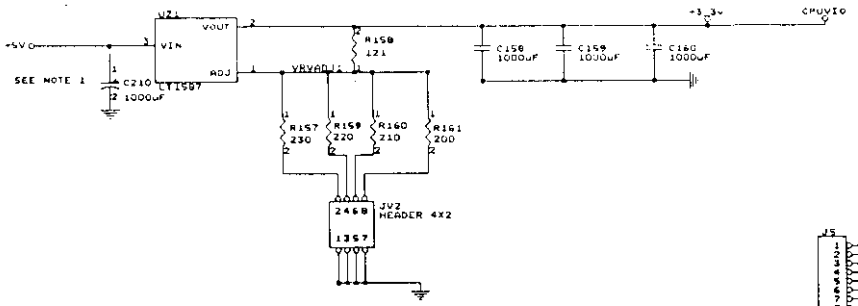
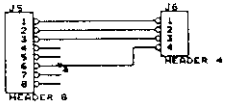


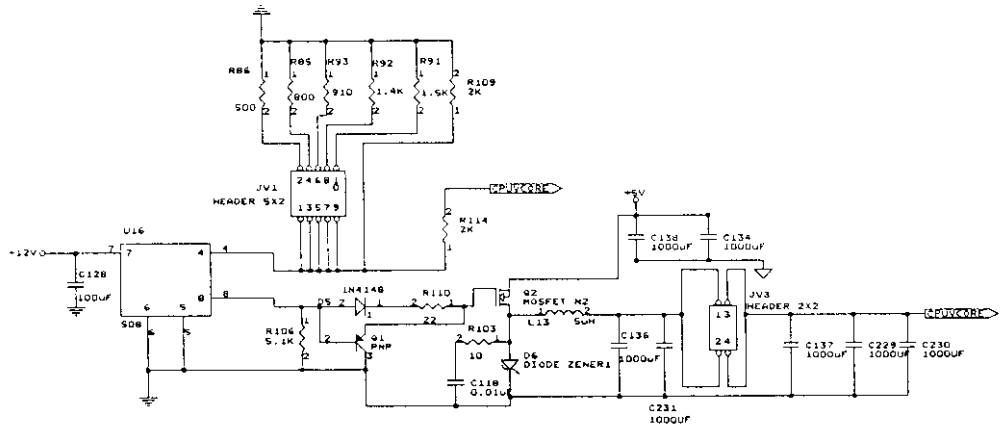
Title	BIOS	
Size C	Document Number 530	REV D
Date: July 17, 1997	Sheet 13 of 19	



Title	DECOUPLE	
Size: C	Document Number: 530	REV: 0
Date: July 17, 1997	Sheet 16 of 18	







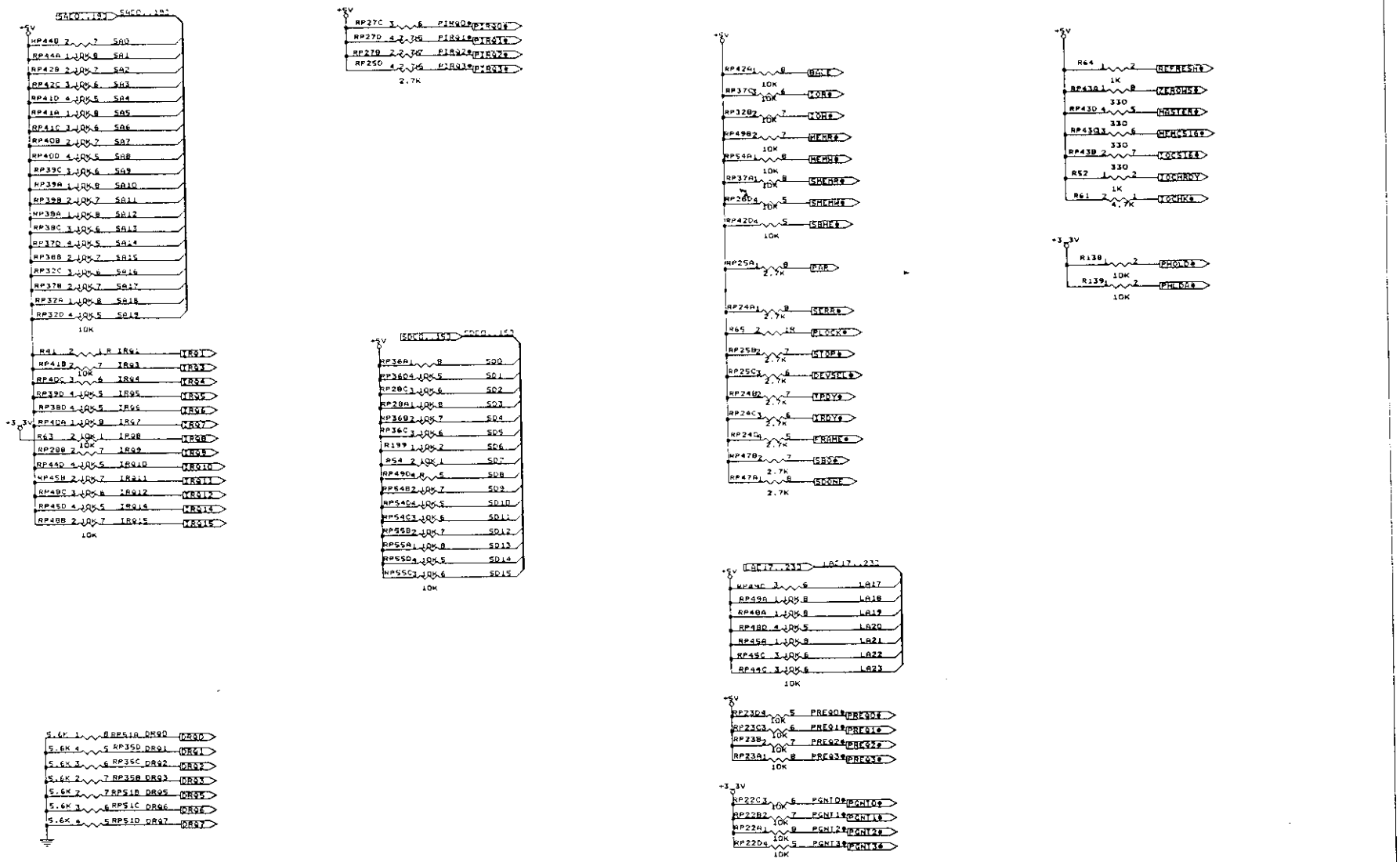
Resistors are implemented as copper traces on inter layer:

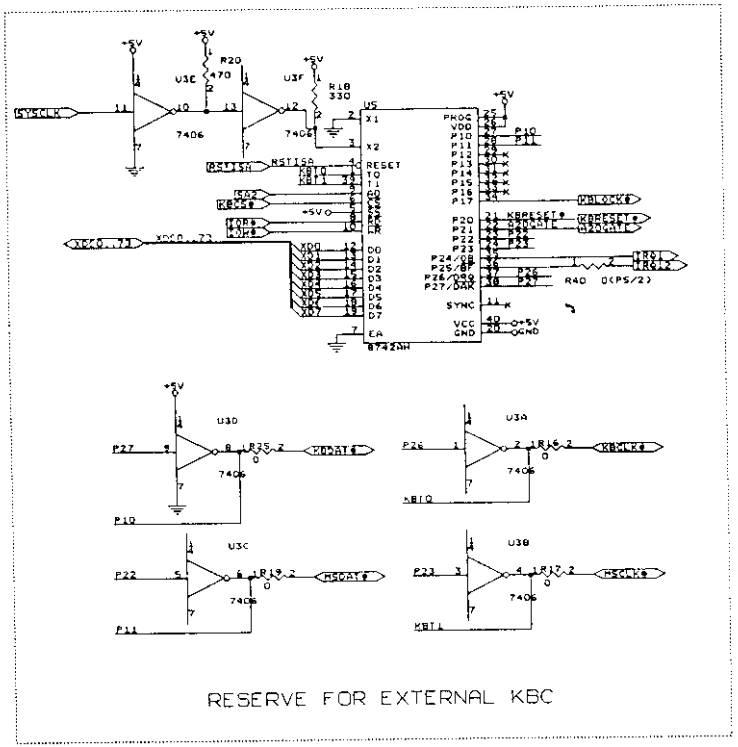
For 1oz. copper:

Note 1: trace widths are 50 mils, 1.24" long.

Note 2: trace widths are 50 mils, 0.83" long.

Title: CPU VOLTAGE REGULATOR		
Size: C	Document Number: 530	REV: 0
Date: July 17, 1997	Sheet 15 of 19	

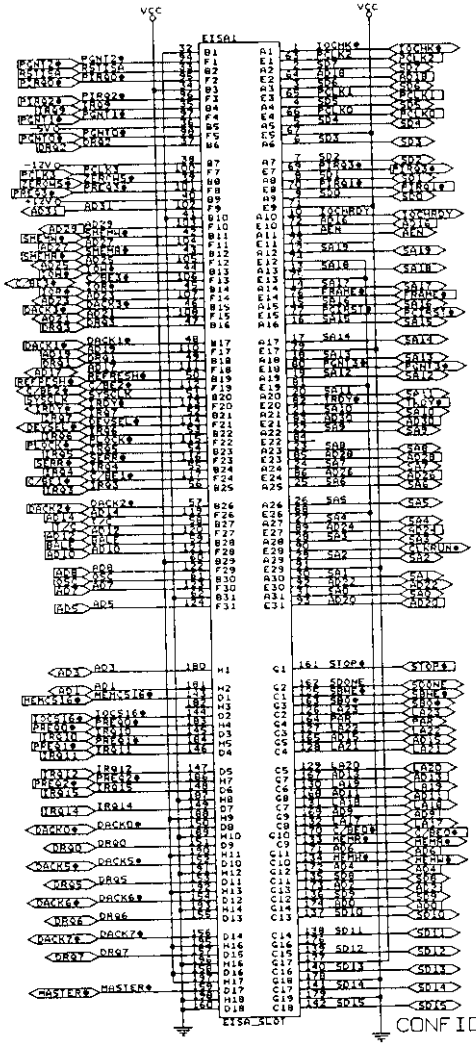

SA[0..19]
SD[0..15]
LA[17..23]
PULL UP
Size C
Document Number 530
REV D
Date: July 23, 1997 Sheet 17 of 19



RESERVE FOR EXTERNAL KBC

Title	RESERVED FOR RTC,KBC		
Size: C	Document Number: 530		Rev: D
Date: May 10, 1997	Sheet 18 of 19		

ISA SLOTS
3&4

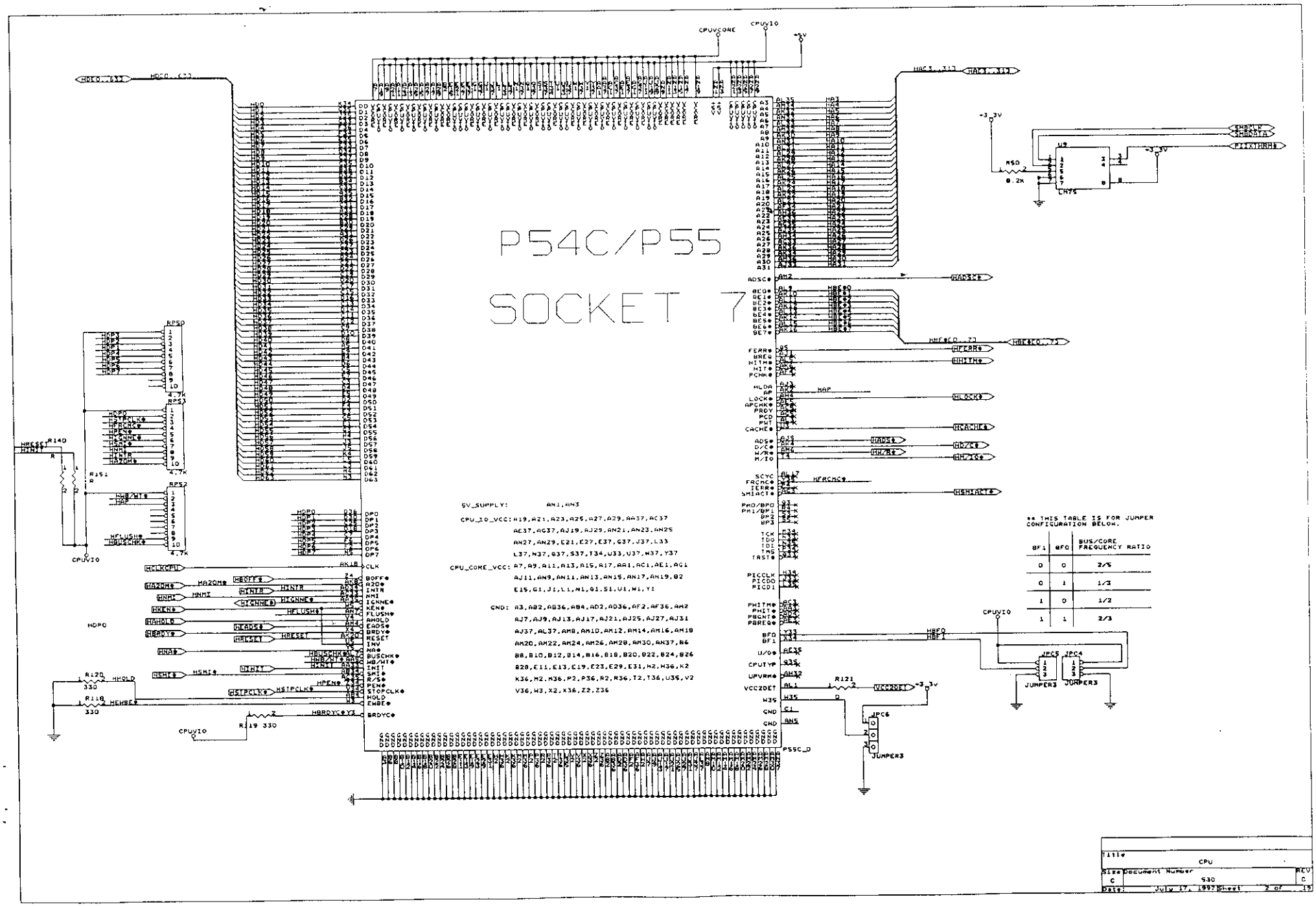


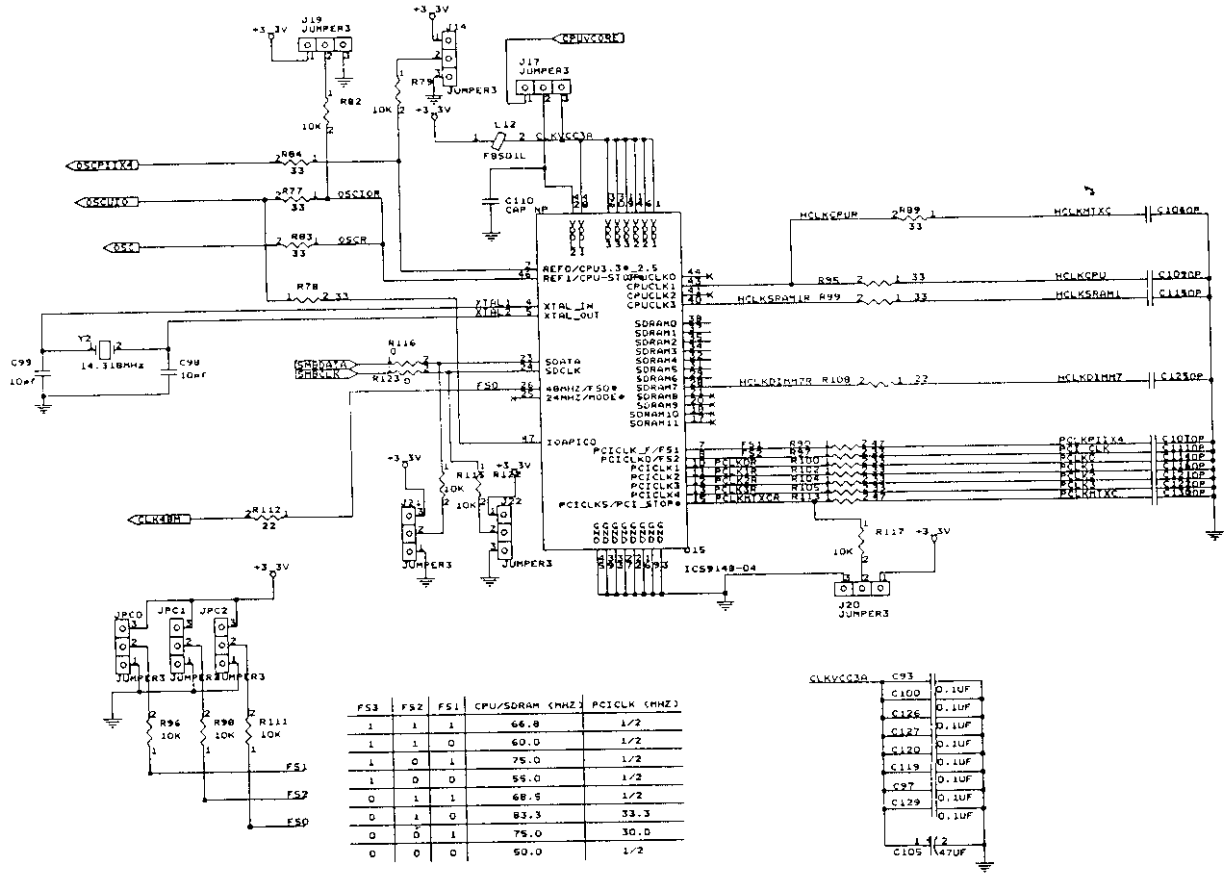
Title	EISA SLOT		
Size: C	Document Number: 530		REV: 0.5
Date: June 27, 1997	Sheet 19 of 19		

530

Platform : ATX
P54C,P55C,6X86,K5
SIMM : SOCKET 2 X 72 Pins
SIMM :5V - EDO,FPM DRAM
CACHE : ON BOARD 256K/512K PBSRAM/M-CACHE
BIOS : 5V,12V FLASH ROM,2 Mbits FLASH ROM
USB : 2
IO : SMC 37C672
ULTRA DMA 33 IDE PORT X 2

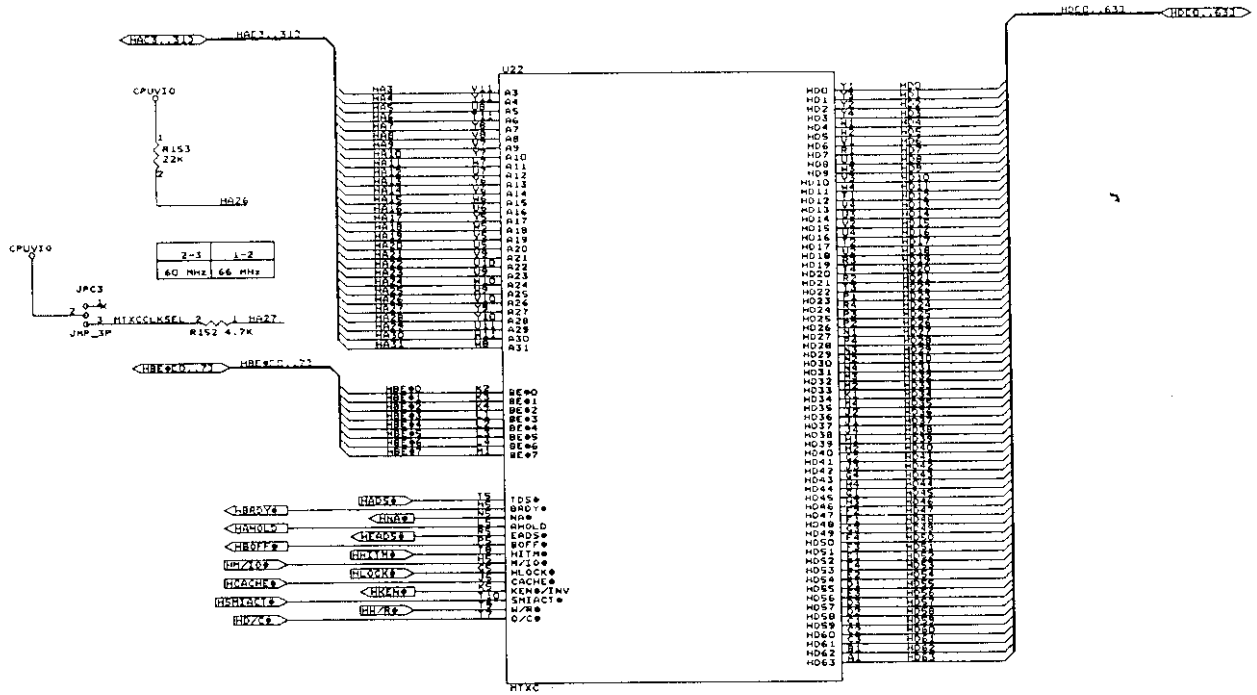
Title: INDEX		
Size: C	Document Number: 530	REV: 0
Date: June 25, 1997	Sheet 1 of 19	


P54C/P55
SOCKET 7
5V_SUPPLY: AN1,AN3
CPU_IO_VCC: A19,A21,A23,A25,A27,A29,AA37,AC37
AE37,AG37,AJ19,AJ23,AN21,AN23,AN25
AN27,AN29,E21,E27,E37,G37,J37,L33
L37,N37,Q37,S37,T34,U33,U37,W37,Y37
CPU_CORE_VCC: A7,A9,A11,A13,A15,A17,AA1,AC1,AE1,AG1
AJ11,AN9,AN11,AN13,AN15,AN17,AN19,B2
E15,G1,J1,L1,N1,Q1,S1,U1,W1,Y1
GND: A3,AB2,AB36,AB4,AD2,AD36,AF2,AF36,AH2
AJ7,AJ9,AJ13,AJ17,AJ21,AJ25,AJ27,AJ31
AJ37,AL37,AM8,AM10,AM12,AM14,AM16,AM18
AM20,AM22,AM24,AM26,AM28,AM30,AN37,B6
B8,B10,B12,B14,B16,B18,B20,B22,B24,B26
B28,E11,E13,E19,E23,E29,E31,H2,H36,K2
K36,M2,M36,P2,P36,R2,R36,T2,T36,U35,V2
V36,W3,X2,X36,Z2,Z36
** THIS TABLE IS FOR JUMPER CONFIGURATION BELOW.
BF1 BF0 BUS/CORE FREQUENCY RATIO
0 0 2/5
0 1 1/3
1 0 1/2
1 1 2/3
JUMPER3
JUMPER3
JUMPER3
CPU
Size C
Document Number 530
REV C
Date: July 17, 1997 Sheet 2 of 15

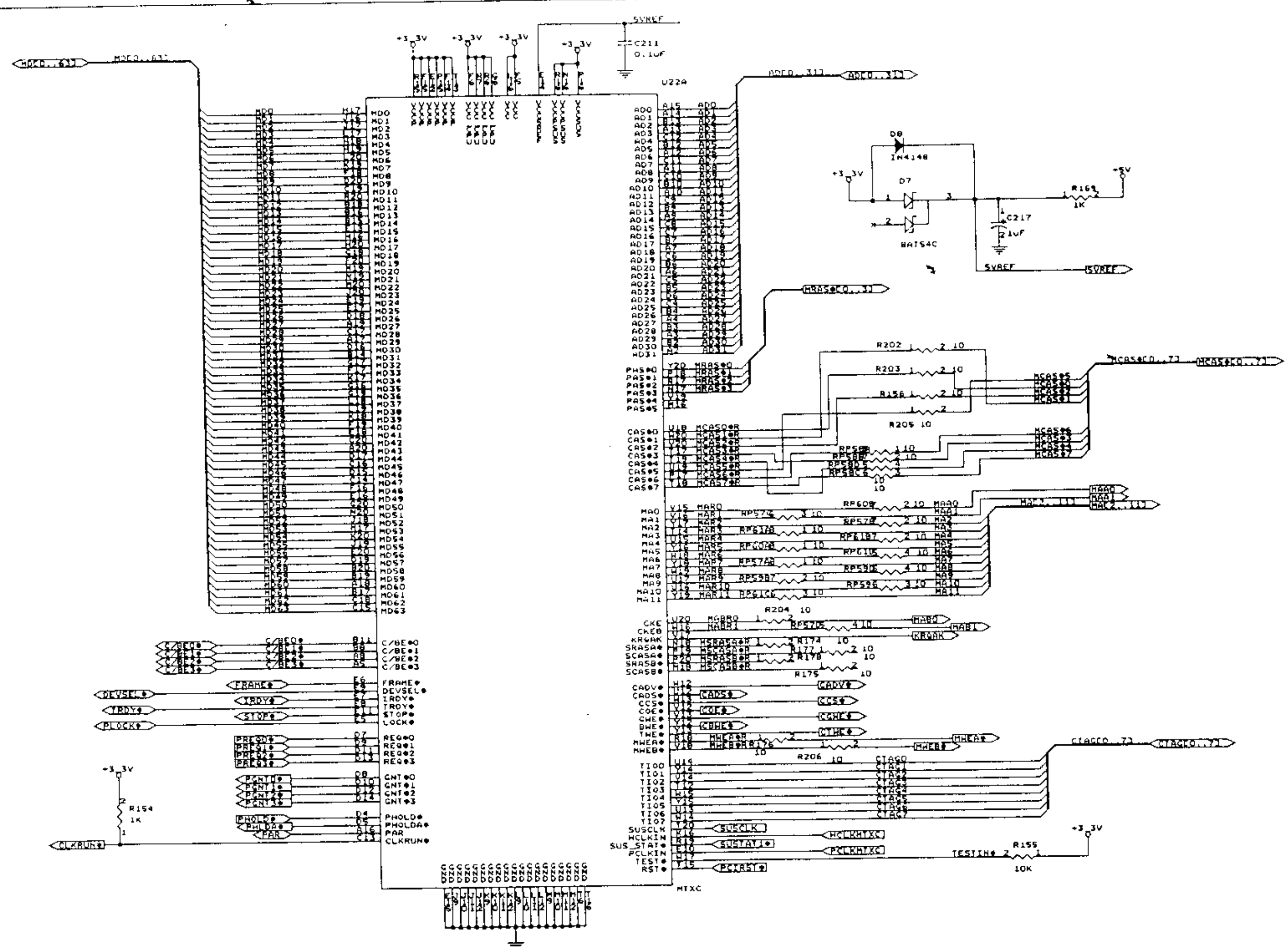


FS3	FS2	FS1	CPU/SDRAM (MHZ)	PCICLK (MHZ)
1	1	1	66.8	1/2
1	1	0	60.0	1/2
1	0	1	75.0	1/2
1	0	0	55.0	1/2
0	1	1	68.5	1/2
0	1	0	83.3	33.3
0	0	1	75.0	30.0
0	0	0	50.0	1/2

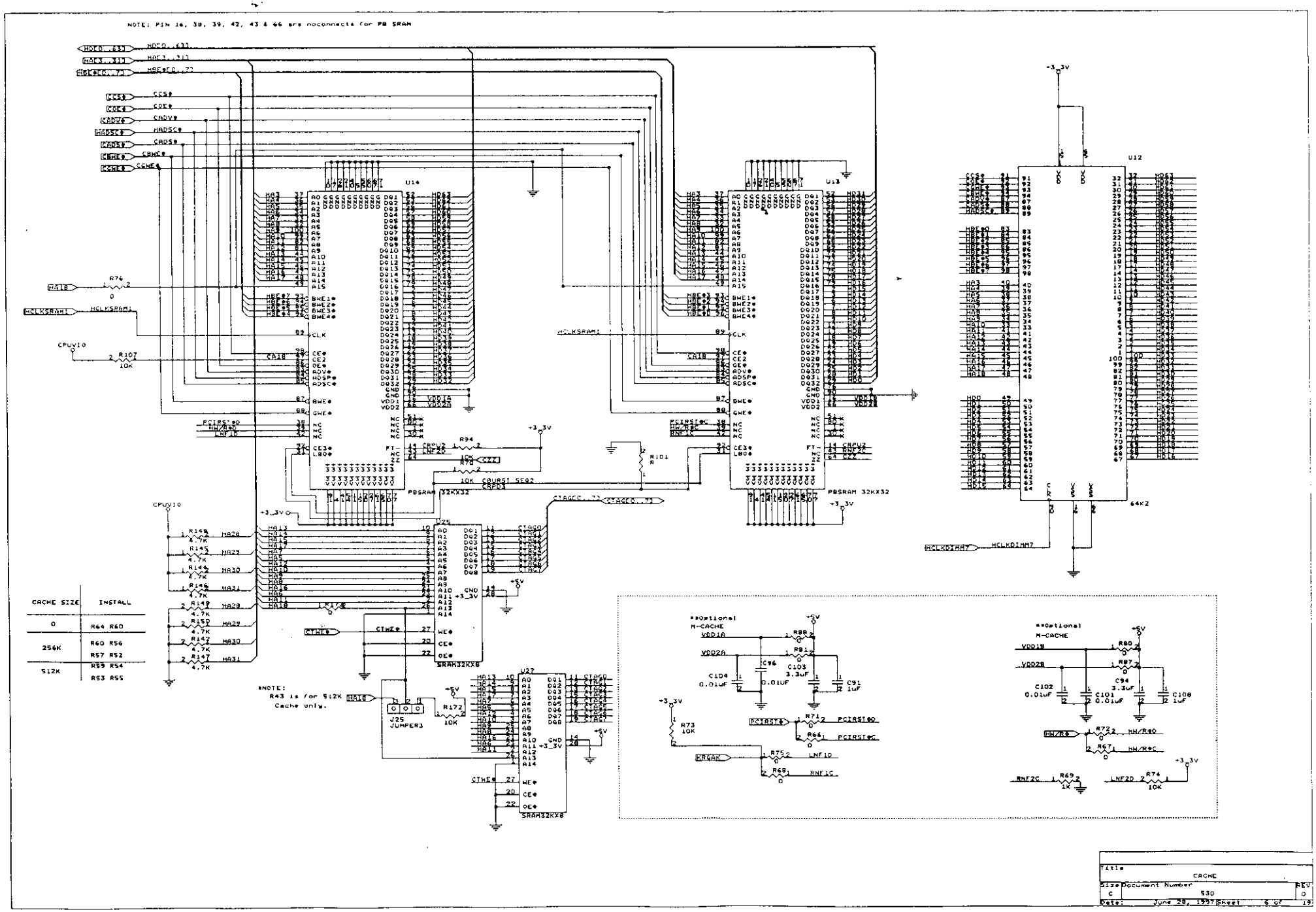
Title	CLOCK GEN.	
Size C	Document Number 530	REV 0
Date: July 17, 1997	Sheet 3 of 19	



Title	HTXC-1	
Size C	Document Number 530	REV 0
Date: July 17, 1997	Sheet 4 of 19	

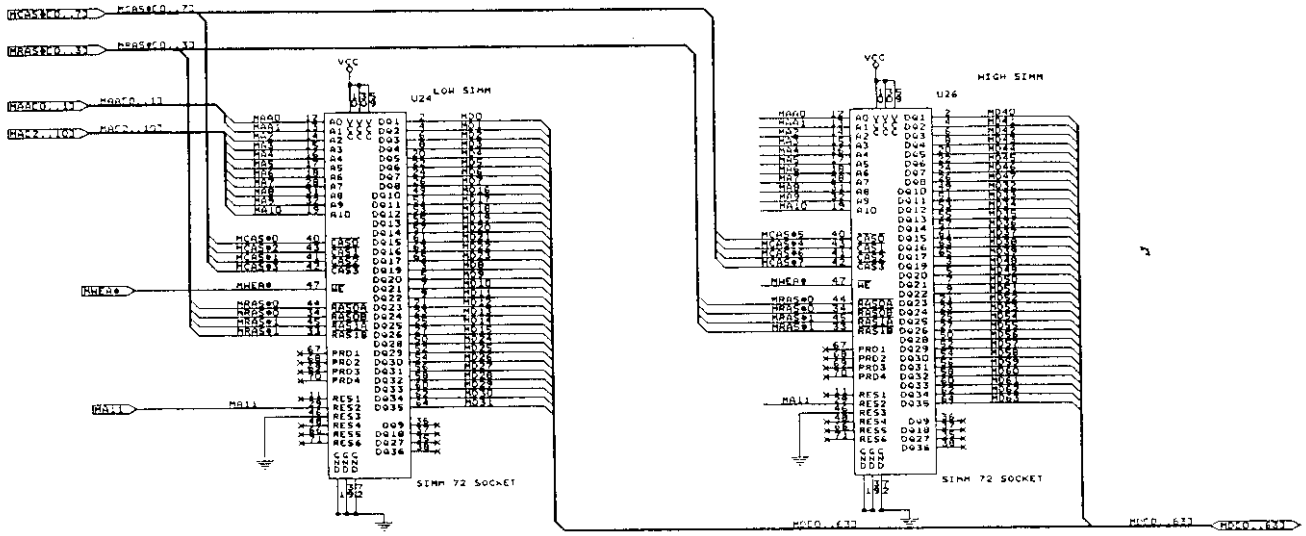


Title	MTXC-2		
Size	Document Number		REV
C	530		0
Date:	July 17, 1997	Sheet 5 of 19	

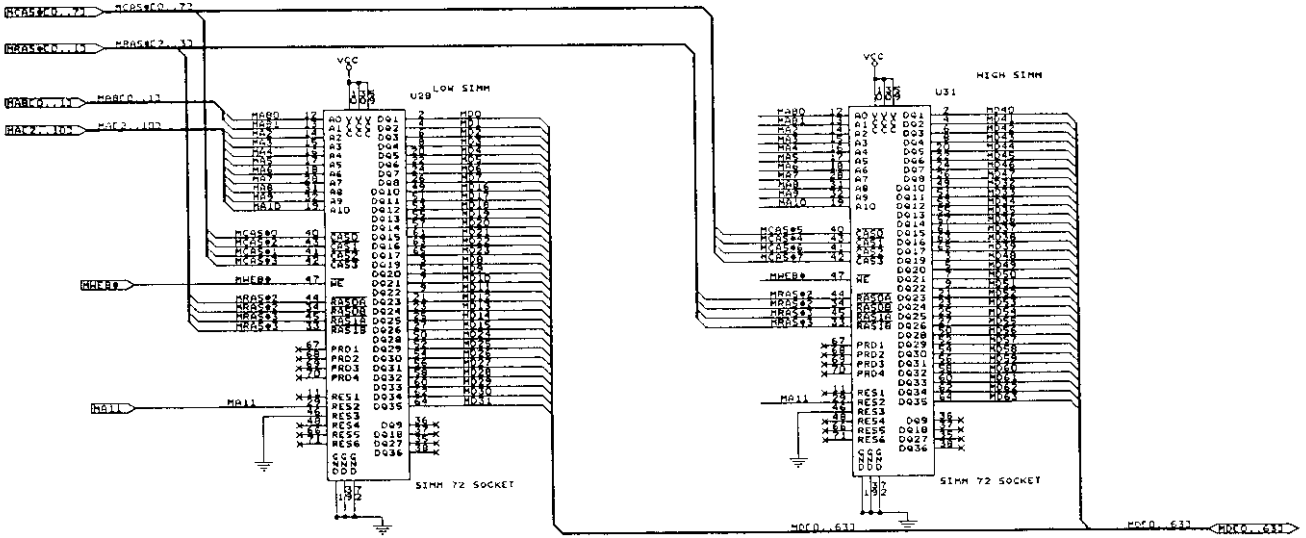


Title	CACHE		
Size	Document Number		REV
C	530		0
Date:	June 28, 1997	Sheet 6 of 19	

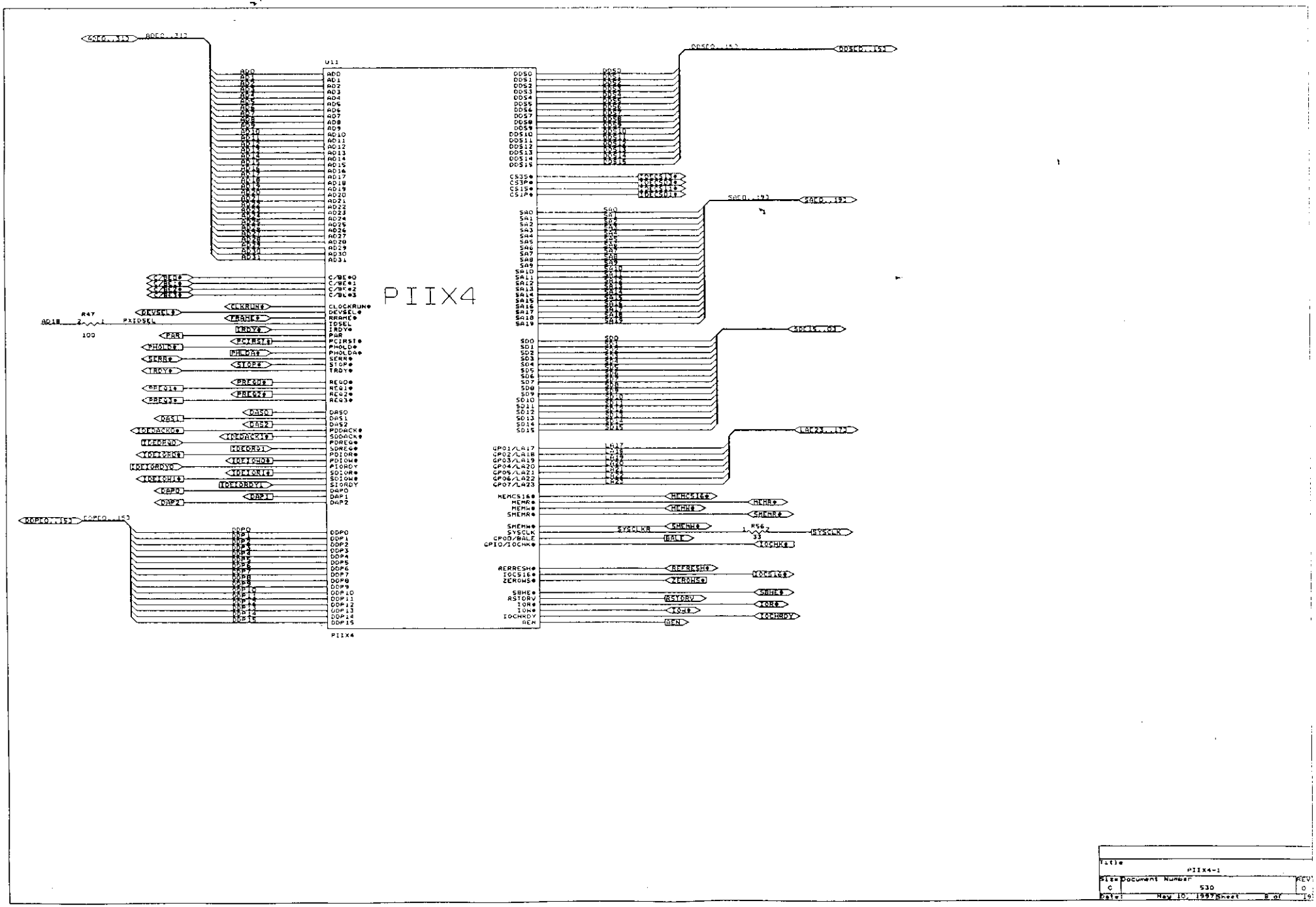
SIMM BANKØ



SIMM BANK1



Title	SIMM		
Size: C	Document Number: 530		REV: 0
Date: June 27, 1997	Sheet 7 of 19		


PIIX4
U11
R47
100
R56
33
PIIX4-1
Size
C
Document Number
530
Rev
0
Date: May 10, 1997
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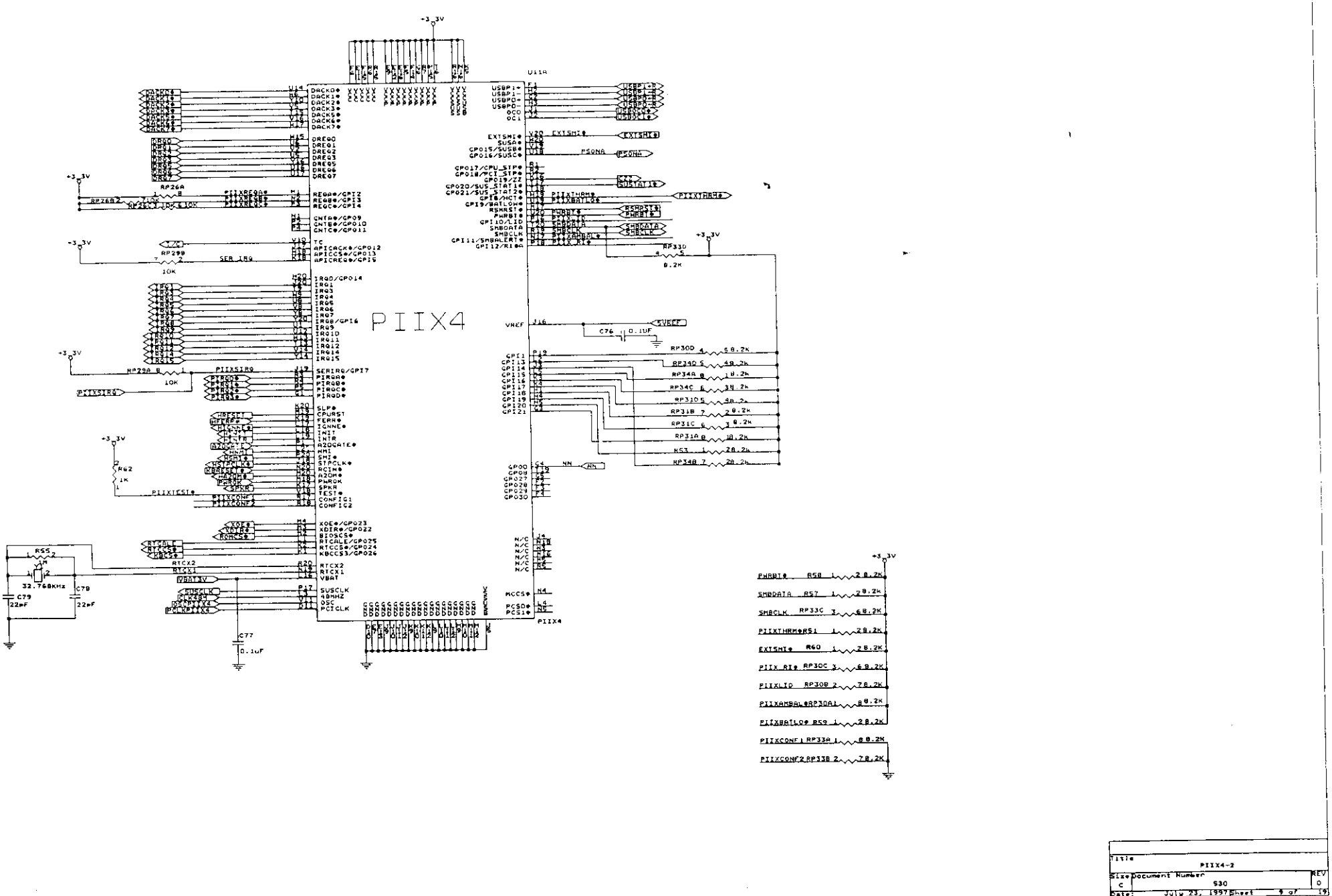
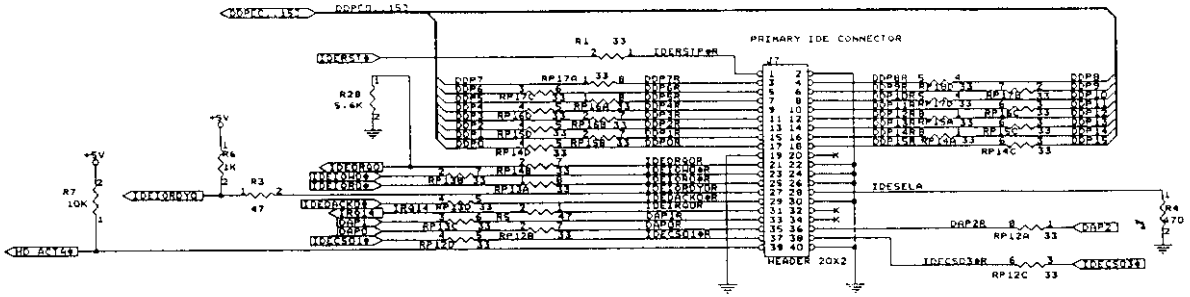
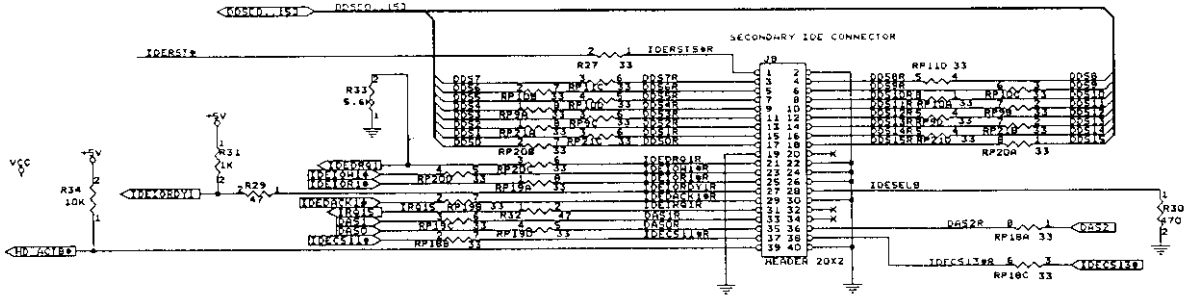
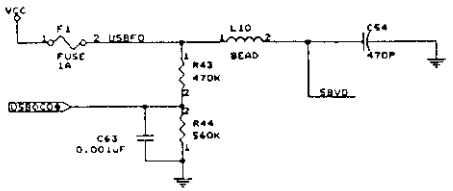


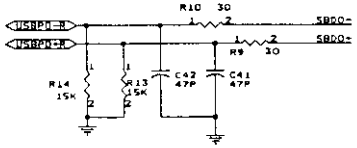
Title	PIIX4-2		
Size: C	Document Number: 930		REV: 0
Date: July 23, 1997	Sheet 9 of 19		

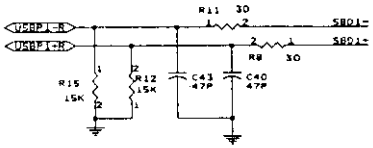
IDE CONNECTORS

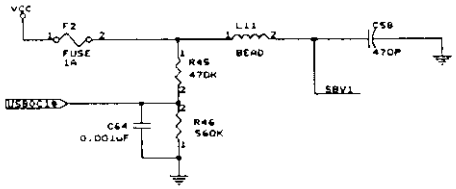


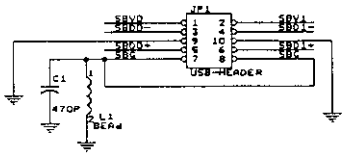






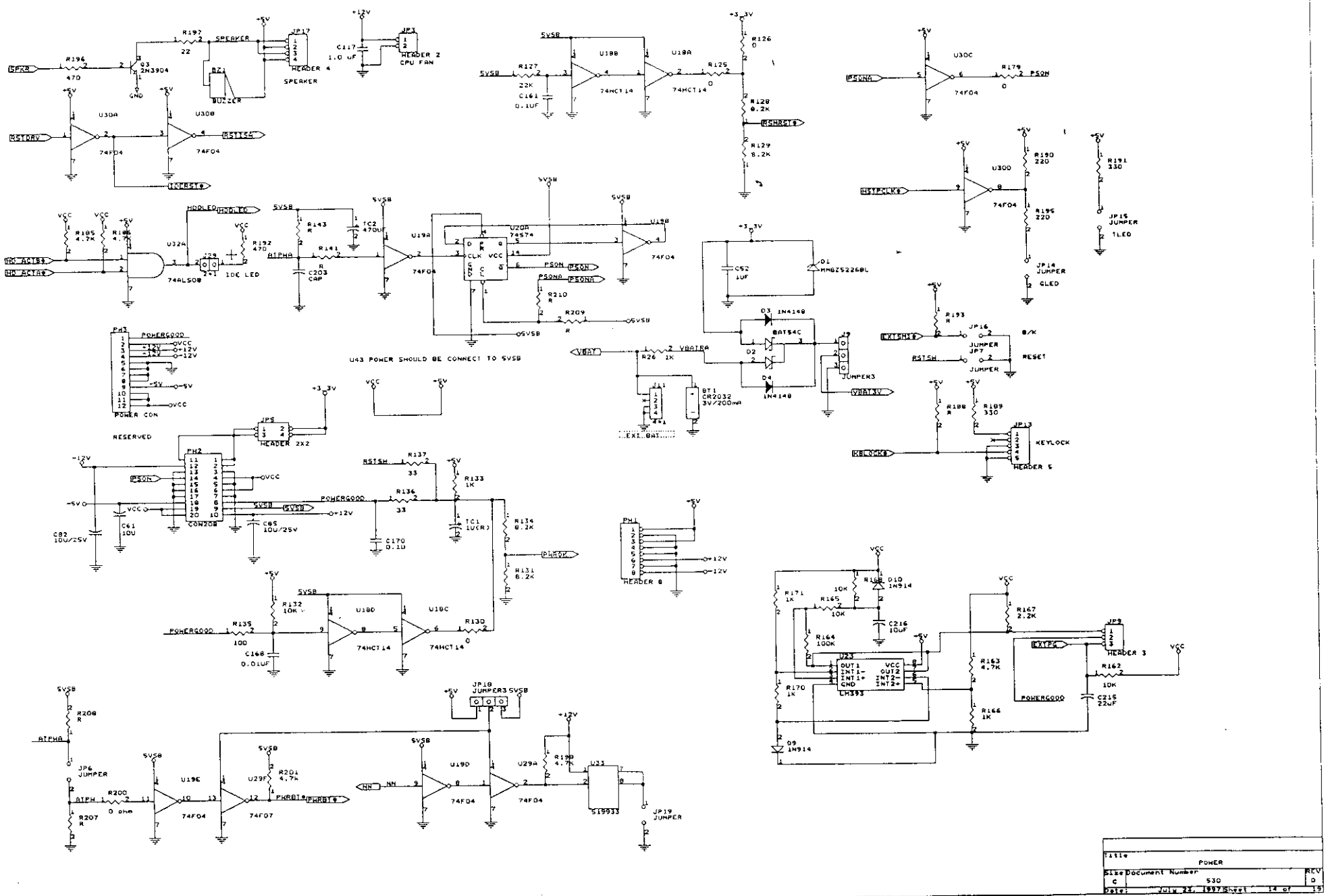


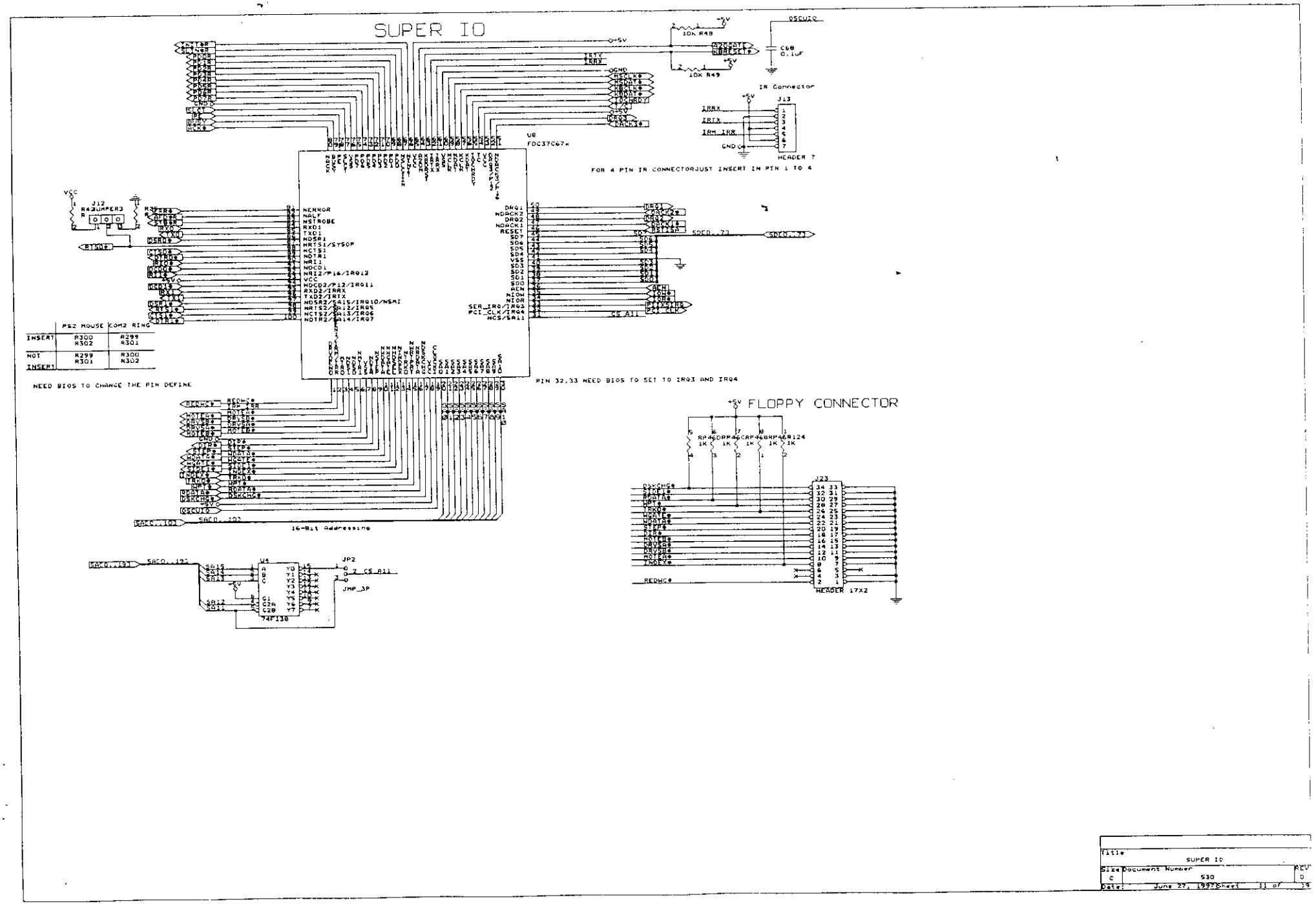




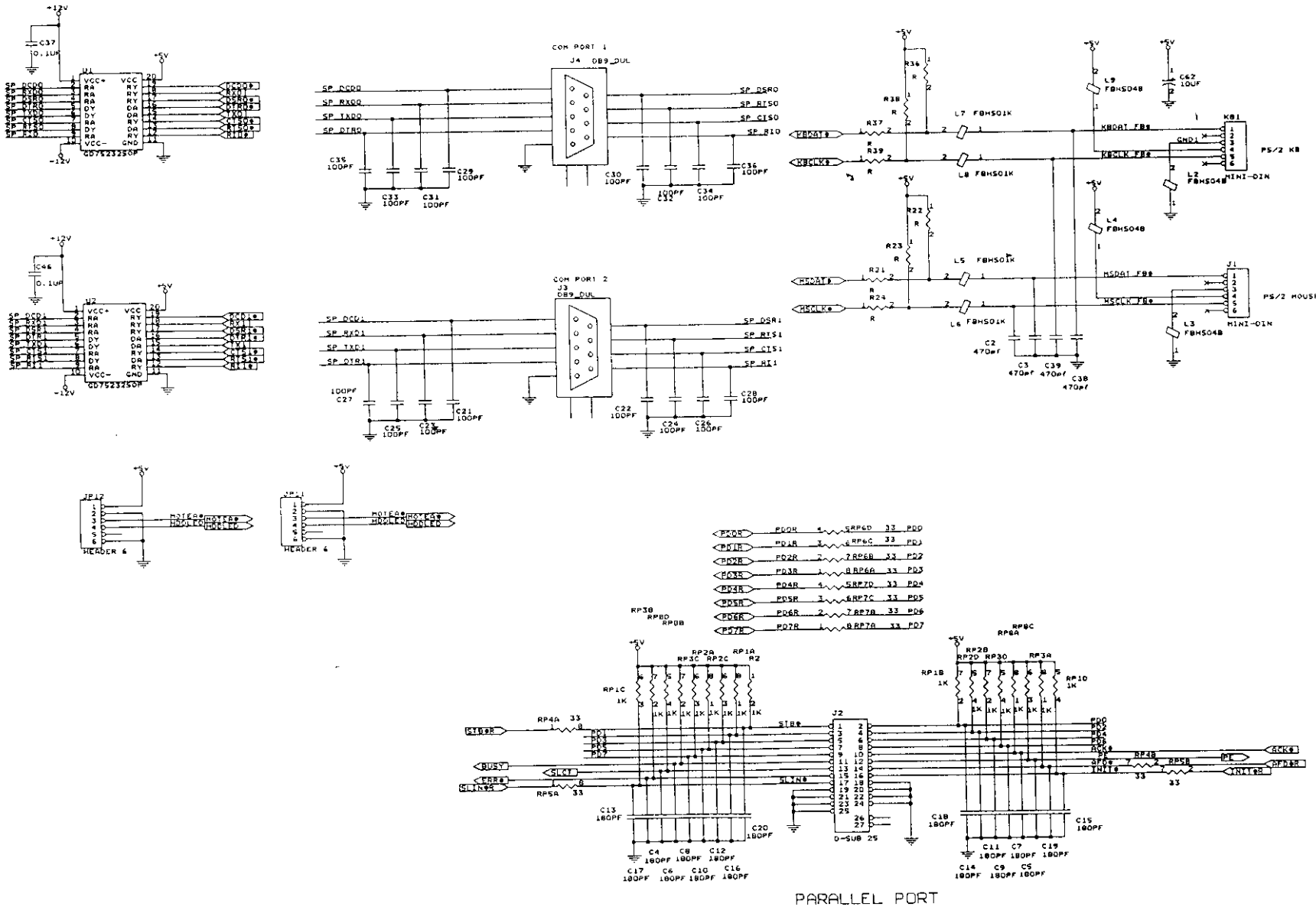
USB CONNECTOR

Title: IDE & USB			
Size: C	Document Number: 530		REV: D
Date: June 27, 1997	Sheet 10 of 19		


SPKR
R196 470
Q3 2N3904
GND
R192 22
SPEAKER
BUZZER
BZ1
JP17
HEADER 4
SPEAKER
+5V
+12V
C117 1.0 uF
JP3
HEADER 2
CPU FAN
U30A
U30B
74F04
RSTDRV
RSTSYS
INVRST#
5VSB
U18B
U18A
74HCT14
R127 22K
C161 0.1UF
R125 0
R126 0
R128 8.2K
R129 8.2K
RSHRST#
U30C
PSONA
R179 0
PSON
U30D
HSTPCLK#
R190 220
R195 220
R191 330
JP15 JUMPER
1LED
JP14 JUMPER
GLED
HD ACT1#
HD ACT2#
74ALS08
HDDLED
HWD.LED
R185 4.7K
R186 4.7K
U32A
J29
2*1
IDE LED
R132 470
AIPHA
R143 R
C203 CAP
R141 R
TC2 470UF
U19A
74F04
U20A
74S74
PSON
PSONA
R210 R
R209 R
U18B
U43 POWER SHOULD BE CONNECT TO 5VSB
C52 1UF
D1 MMBZ5226BL
D3 1N4148
BAT54C
D2
D4 1N4148
J9
JUMPER3
VBAT
R26 1K
VBAT3V
BT1 CR2032 3V/200mA
EXT BAT
EXTSMI#
R193 R
JP16 JUMPER
JP7 JUMPER
RSTSW
RESET
R188 R
R189 330
JP13
KEYLOCK
HEADER 5
KBLOCK#
PH3
POWERGOOD
POWER CON
RESERVED
JP5
HEADER 2X2
PH2
CON20A
PSON
C82 100U/25V
C61 10U
C85 10U/25V
R137 33
R136 33
C170 0.1U
TC1 1U(R)
R133 1K
R134 8.2K
R131 8.2K
PWROK
PH1
HEADER 8
R132 10K
R135 100
C168 0.01UF
U18C
74HCT14
R208 R
JP6 JUMPER
R200 0 ohm
R207 R
U19E
74F04
R201 4.7K
U29F
74F07
PWRBT#
JP18 JUMPER3
U19D
U29A
R198 4.7K
U33
SI9933
JP19 JUMPER
R171 1K
R165 10K
R168 D10 1N914
C216 10UF
R164 100K
U23
LM393
R167 2.2K
R163 4.7K
R166 1K
R170 1K
D9 1N914
JP2
HEADER 3
EXTPG
R162 10K
C215 22UF
Title
POWER
Size C
Document Number 530
REV D
Date: July 23, 1997 Sheet 14 of 19



Title: SUPER IO		
Size: C	Document Number: 530	REV: 0
Date: June 27, 1997	Sheet 11 of 19	



PARALLEL PORT

Title	COM,LPT PORT		
Size C	Document Number 530		REV 0
Date: July 23, 1997	Sheet 12 of 19		