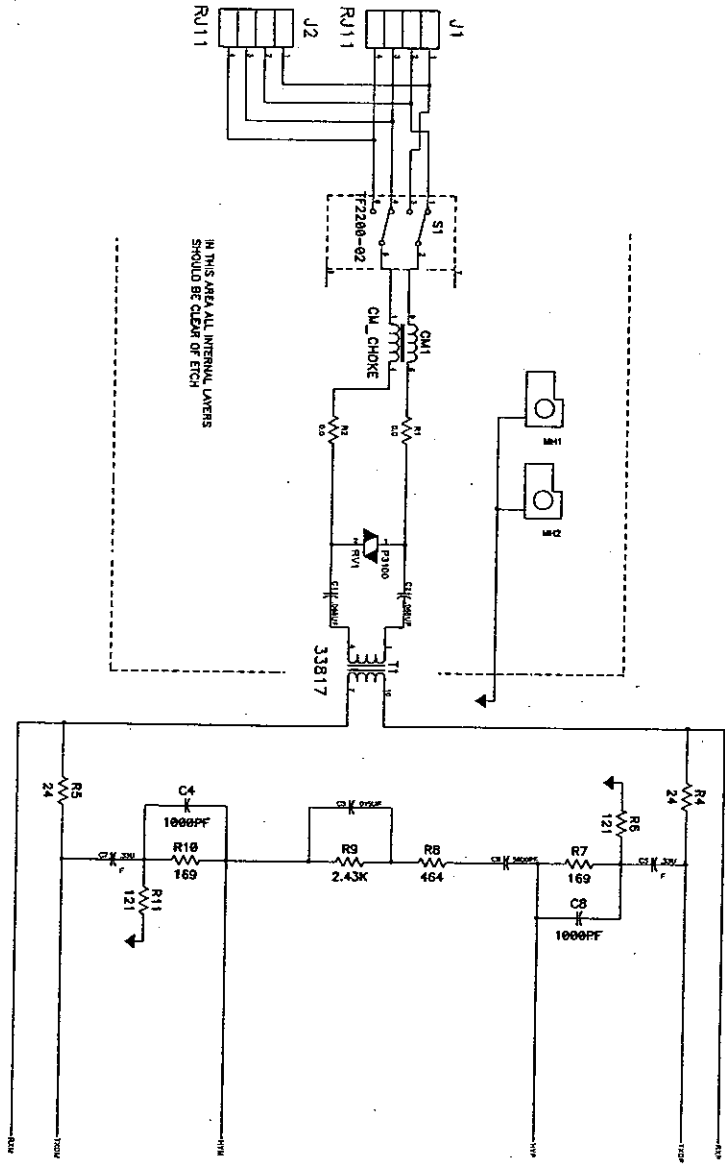


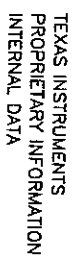
EXHIBIT D

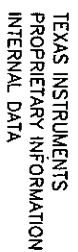
Circuit Diagram



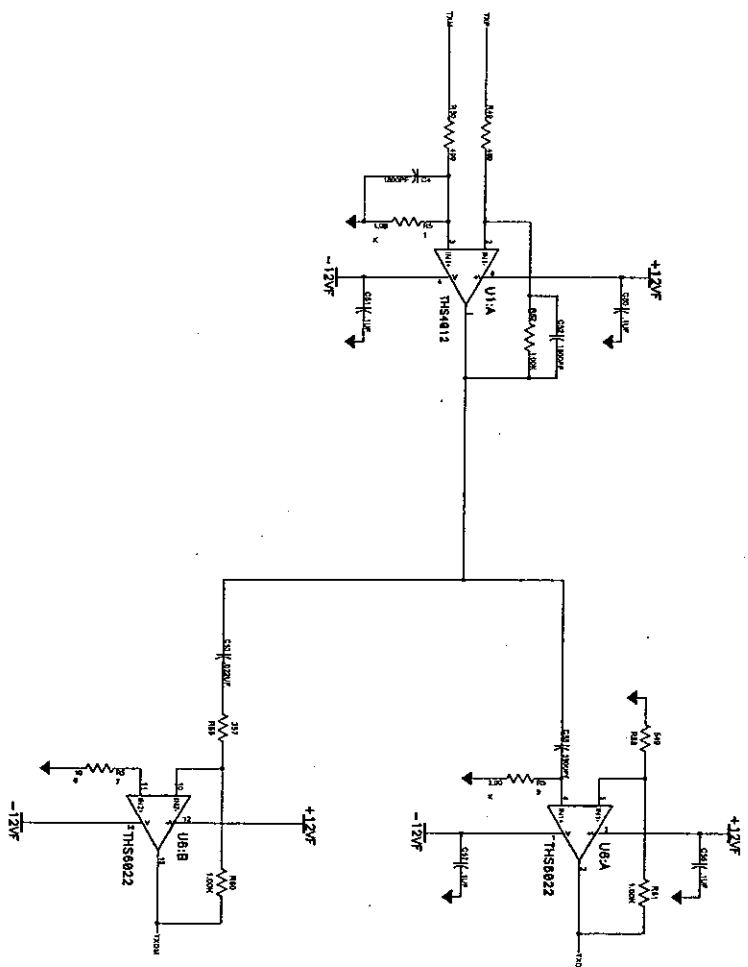
TEXAS INSTRUMENTS
 PROPRIETARY INFORMATION
 INTERNAL DATA

Title	
ADSL PCI NIC	
Size	Number
C	101-001-6 (CLEAR/YELLOW)
Date	Rev
8/16/99	6
Drawn by	
J. MOODY	
Sheet	
1	of 8

Sheet 2 of 8



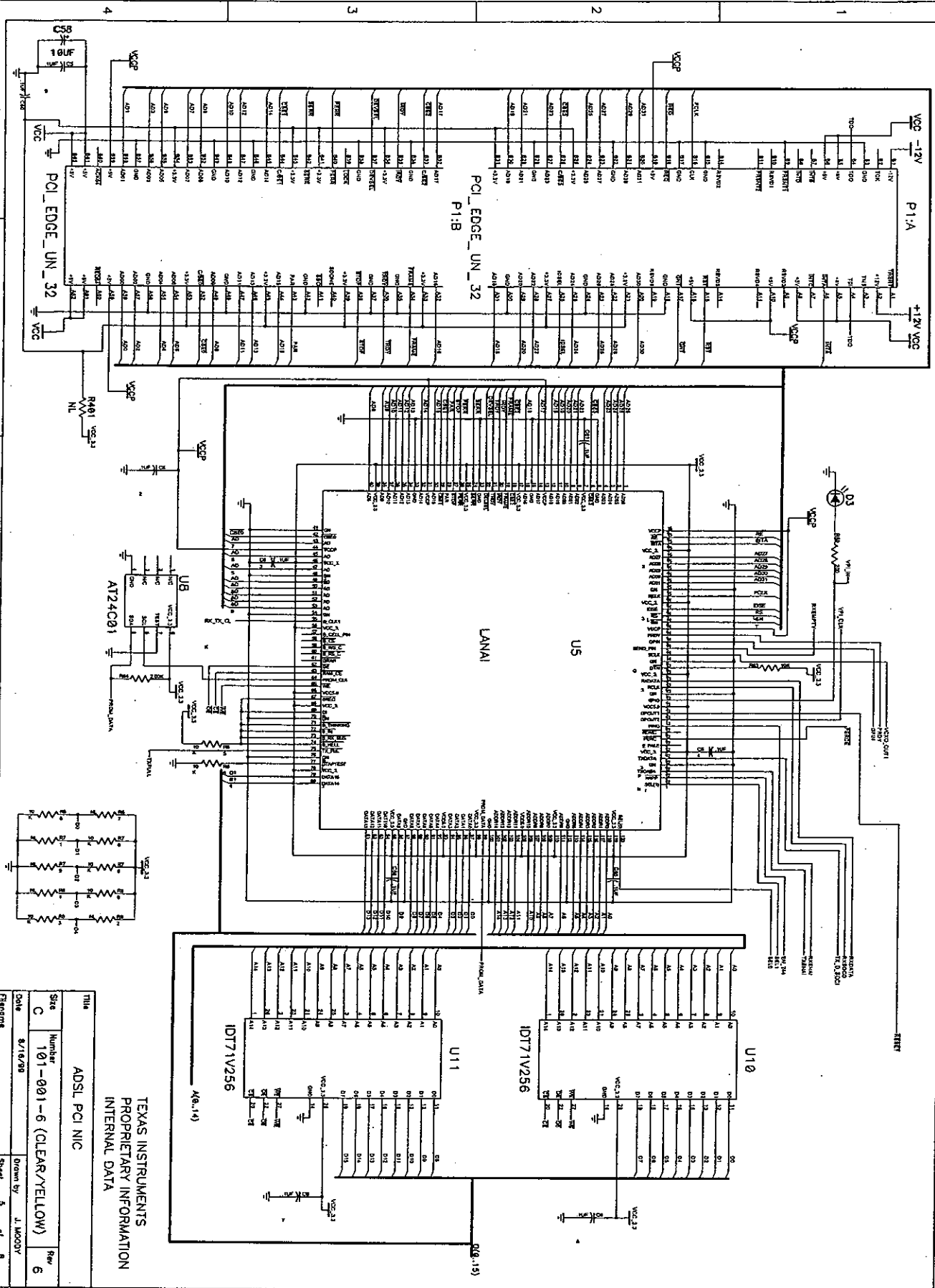
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Site	Number	Rev	
C	101-001-6 (CLEAR/YELLOW)	6	
Date	8/16/09		
Drawn by	J. MOODY		
Sheet	3	of	8



NOTE: THS8022 HAS A HEAT SINK PAD ON THE BOTTOM OF THE PACKAGE. THIS PAD SHOULD BE SOLDERED TO THE GND PLANE.

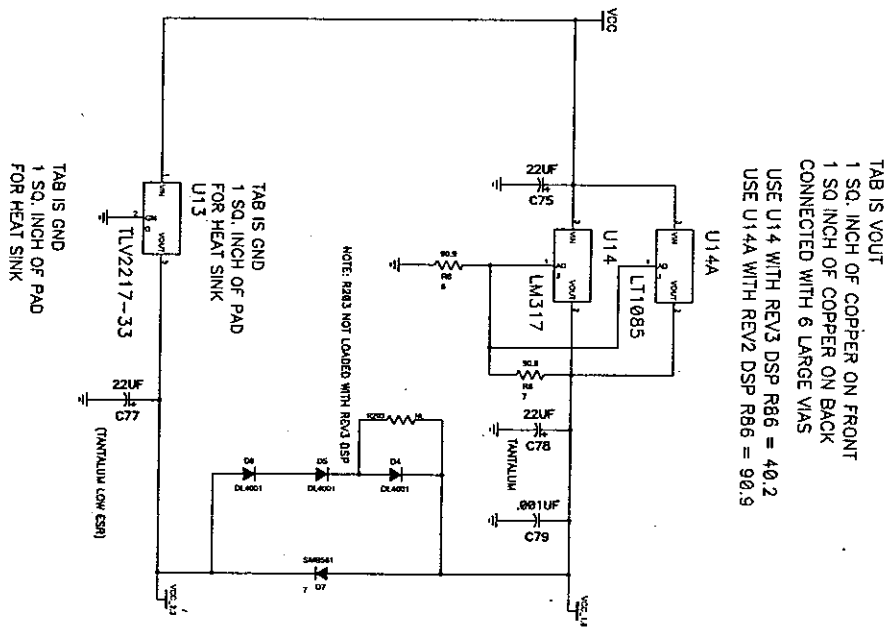
TEXAS INSTRUMENTS
PROPRIETARY INFORMATION
INTERNAL DATA

Title			
ADSL PCI NIC			
Size	Number	Rev	
C	101-001-6 (CLEAR/YELLOW)	6	
Date	Drawn by	Sheet	of
8/16/98	J. MOODY	4	8



Title			
ADSL PCI NIC			
Size	Number	Rev	
C	101-001-6 (CLEAR/YELLOW)	6	
Date	8/16/95	Drawn by	J. MOODY
File name	Sheet 5	of	8

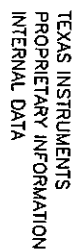
TEXAS INSTRUMENTS
PROPRIETARY INFORMATION
INTERNAL DATA



TAB IS VOUT
1 SQ. INCH OF COPPER ON FRONT
1 SQ INCH OF COPPER ON BACK
CONNECTED WITH 6 LARGE VIAS
USE U14 WITH REV3 DSP R86 = 40.2
USE U14A WITH REV2 DSP R86 = 90.9

REV 1 - BIG - BLUE REV 6 W/O VB 4/6/99
REV 1A - CHANGED R1,R2 TO 1206,
CHANGED SW1 TO
GP152. ADDED R401 4/21/99
REV 2 - ADDED U20 P1D FOR VPI
SWITCHING, CHANGED SWITCH
ETC. 5/14/99
REV 2A - CHANGED SCHEMATIC TO MATCH
NETLIST CHANGES AT P11. 5/21/99
REV 3 - (U16 V6) R95 GOES TO GND
RATHER THAN VCC,
R92 NOT LOADED
8/4/99
REV 4 - HPNA MODS
REV 5 - COMPONENTS SPREAD ON SOLDER SIDE
HPNA REMOVED
REV 6 - CHANGED ICT AND TP'S, UPDATE
SCHEMATIC TO LATEST (THS4012.ETC.)

Title		ADSL PCI NIC	
Size	Number	Rev	
C	101-001-6 (CLEAR/YELLOW)	6	
Date	Drawn by		
8/18/93	J. MOON.		
Filename	Sheet	6	of 6



Title			ADSL PCI NIC		
Size	Number	Rev			
C	101-001-6 (CLEAR/YELLOW)	6.			
Date	Drawn by				
8/18/98	J. MOODY				
Platinum	Sheet	7	of	8	

