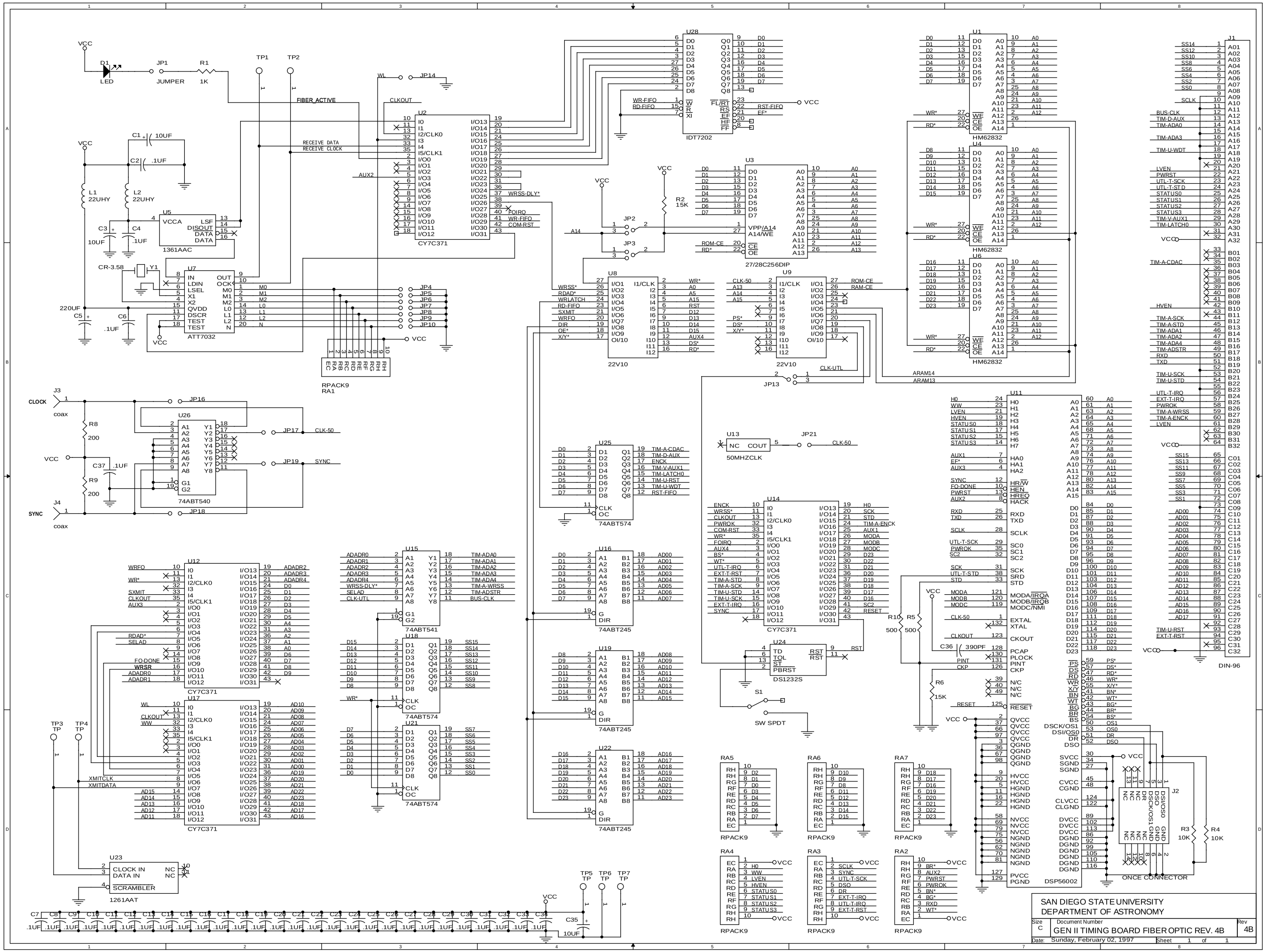
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GEN II TIMING BOARD FIBER OPTIC REV. 4B
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U28 IDT7202
U2 CY7C371
U3 27/28C256DIP
U1 HM62832
U4 HM62832
U6 HM62832
U5 1361AAC
U7 ATT7032
U8 22V10
U9 22V10
U26 74ABT540
U25 74ABT574
U15 74ABT541
U16 74ABT245
U12 CY7C371
U18 74ABT574
U19 74ABT245
U17 CY7C371
U21 74ABT574
U22 74ABT245
U23 1261AAT
U13 50MHZCLK
U14 CY7C371
U24 DS1232S
U11 DSP56002
J1 DIN-96
J2 ONCE CONNECTOR
RPACK9 RA1
RPACK9 RA2
RPACK9 RA3
RPACK9 RA4
RPACK9 RA5
RPACK9 RA6
RPACK9 RA7
LED D1
JUMPER JP1
R1 1K
TP1 TP2
FIBER ACTIVE
CLKOUT
RECEIVE DATA
RECEIVE CLOCK
WL JP14
WR-FIFO
RD-FIFO
FL/RT RS EF HF FF
RST-FIFO
EF*
WRSS-DLY*
POIRQ
WR-FIFO
COM-RST
AUX2
A14
VPP/A14 A14/WE
ROM-CE
RD*
R2 15K
JP2 JP3
CR-3.58 Y1
M0 M1 M2 L0 L1 L2 N
JP4 JP5 JP6 JP7 JP8 JP9 JP10
WRSS* RDAD* WRLATCH RD-FIFO SXMIT WREQ DIR OE* X/Y*
CLK-50 A13 A14 A15 PS* DS* X/Y*
ROM-CE RAM-CE
CLK-UTL
JP13
ARAM14 ARAM13
JP21 CLK-50
CLOCK JP16 CLK-50
SYNC JP17 JP19 JP18
TIM-A-CDAC TIM-D-AUX TIM-U-RST TIM-U-WDT RST-FIFO
ADADR0 ADADR1 ADADR2 ADADR3 ADADR4 WRSS-DLY* SELAD CLK-UTL
TIM-ADA0 TIM-ADA1 TIM-ADA2 TIM-ADA3 TIM-A-WRSS TIM-ADSTR BUS-CLK
WRFO WR* SXMIT CLKOUT AUX3 RDAD* SELAD FO-DONE WRSR ADADR0 ADADR1
WL CLKOUT WW XMITCLK XMITDATA
SS15 SS14 SS13 SS12 SS11 SS10 SS9 SS8 SS7 SS6 SS5 SS4 SS3 SS2 SS1 SS0
AD00 AD01 AD02 AD03 AD04 AD05 AD06 AD07 AD08 AD09 AD10 AD11 AD12 AD13 AD14 AD15 AD16 AD17 AD18 AD19 AD20 AD21 AD22 AD23
ENCK WRSS* CLKOUT PWROK COM-RST WR* FOIRQ AUX4 BS* WT* UTL-T-IRQ EXT-T-RST TIM-A-STD TIM-A-SCK TIM-U-STD TIM-U-SCK EXT-T-IRQ SYNC
TIM-A-ENCK AUX1 MODA MODB D23 D22 D21 D20 D19 D18 D17 D16 SC2 RESET
H0 WW LVEN HVEN STATUS0 STATUS1 STATUS2 STATUS3 AUX1 EF* AUX3 SYNC FO-DONE PWRST AUX2 RXD TXD SCLK UTL-T-SCK PWROK SC2 SCK UTL-T-STD STD MODA MODB MODC CLK-50 CLKOUT C36 390PF PINT CKP RESET
R10 500 R5 500 R6 15K
TP3 TP4 TP5 TP6 TP7
C35 10UF
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 .1UF
R3 10K R4 10K