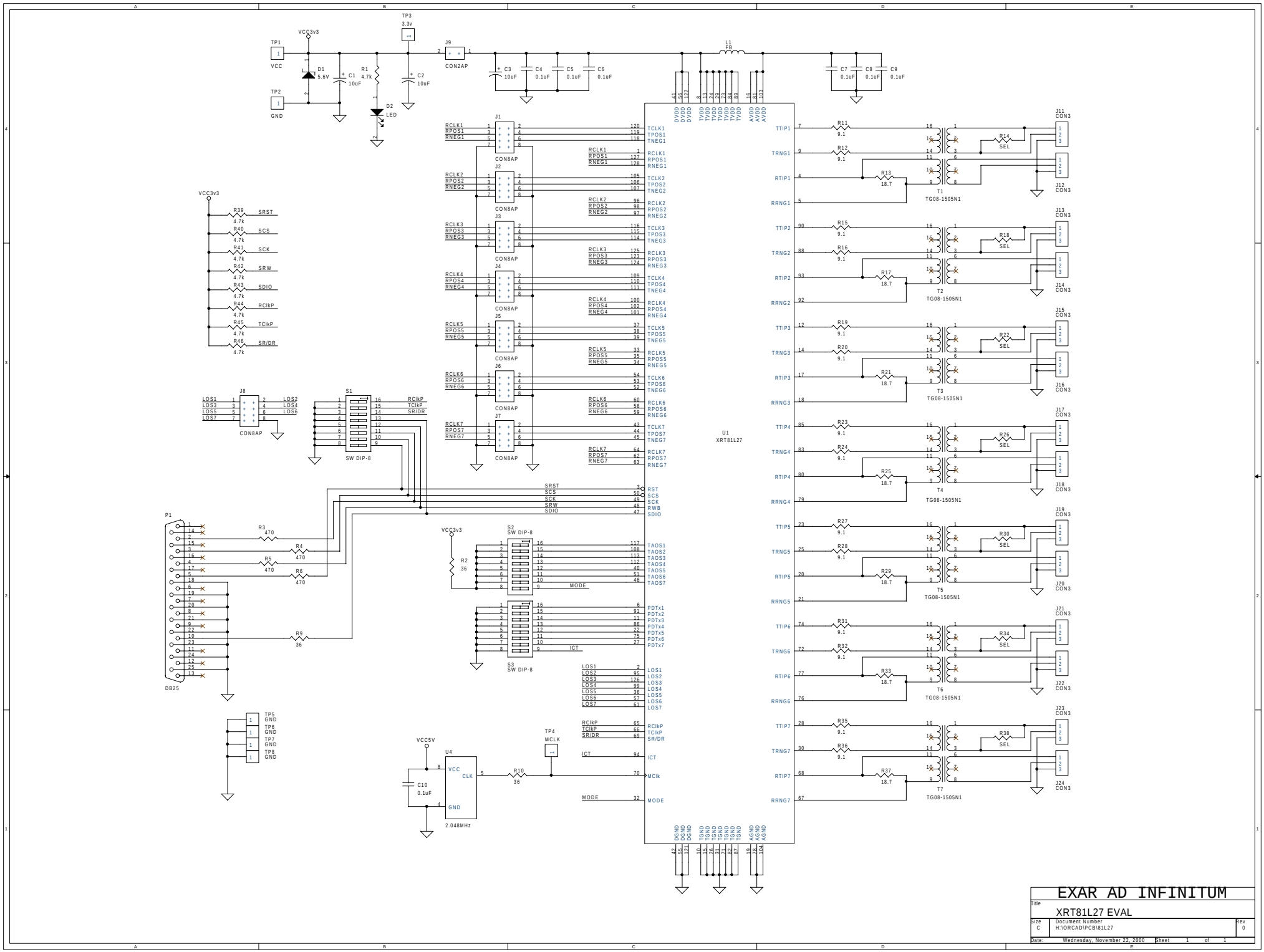

TP1
VCC
TP2
GND
VCC3v3
D1
5.6V
C1
10uF
R1
4.7k
D2
LED
TP3
3.3v
C2
10uF
J9
CON2AP
C3
10uF
C4
0.1uF
C5
0.1uF
C6
0.1uF
L1
FB
C7
0.1uF
C8
0.1uF
C9
0.1uF
J1
CON8AP
J2
CON8AP
J3
CON8AP
J4
CON8AP
J5
CON8AP
J6
CON8AP
J7
CON8AP
RCLK1
RPOS1
RNEG1
RCLK2
RPOS2
RNEG2
RCLK3
RPOS3
RNEG3
RCLK4
RPOS4
RNEG4
RCLK5
RPOS5
RNEG5
RCLK6
RPOS6
RNEG6
RCLK7
RPOS7
RNEG7
TCLK1
TPOS1
TNEG1
TCLK2
TPOS2
TNEG2
TCLK3
TPOS3
TNEG3
TCLK4
TPOS4
TNEG4
TCLK5
TPOS5
TNEG5
TCLK6
TPOS6
TNEG6
TCLK7
TPOS7
TNEG7
RST
SCS
SCK
RWB
SDIO
TAOS1
TAOS2
TAOS3
TAOS4
TAOS5
TAOS6
TAOS7
PDTx1
PDTx2
PDTx3
PDTx4
PDTx5
PDTx6
PDTx7
LOS1
LOS2
LOS3
LOS4
LOS5
LOS6
LOS7
RClkP
TClkP
SR/DR
ICT
MClk
MODE
U1
XRT81L27
DVDD
TVDD
AVDD
DGND
TGND
AGND
TTIP1
TRNG1
RTIP1
RRNG1
TTIP2
TRNG2
RTIP2
RRNG2
TTIP3
TRNG3
RTIP3
RRNG3
TTIP4
TRNG4
RTIP4
RRNG4
TTIP5
TRNG5
RTIP5
RRNG5
TTIP6
TRNG6
RTIP6
RRNG6
TTIP7
TRNG7
RTIP7
RRNG7
R11
9.1
R12
9.1
R13
18.7
R14
SEL
R15
9.1
R16
9.1
R17
18.7
R18
SEL
R19
9.1
R20
9.1
R21
18.7
R22
SEL
R23
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R24
9.1
R25
18.7
R26
SEL
R27
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R28
9.1
R29
18.7
R30
SEL
R31
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R32
9.1
R33
18.7
R34
SEL
R35
9.1
R36
9.1
R37
18.7
R38
SEL
T1
TG08-1505N1
T2
TG08-1505N1
T3
TG08-1505N1
T4
TG08-1505N1
T5
TG08-1505N1
T6
TG08-1505N1
T7
TG08-1505N1
J11
CON3
J12
CON3
J13
CON3
J14
CON3
J15
CON3
J16
CON3
J17
CON3
J18
CON3
J19
CON3
J20
CON3
J21
CON3
J22
CON3
J23
CON3
J24
CON3
R39
4.7k
SRST
R40
4.7k
SCS
R41
4.7k
SCK
R42
4.7k
SRW
R43
4.7k
SDIO
R44
4.7k
RClkP
R45
4.7k
TClkP
R46
4.7k
SR/DR
J8
CON8AP
LOS1
LOS3
LOS5
LOS7
LOS2
LOS4
LOS6
S1
SW DIP-8
RClkP
TClkP
SR/DR
P1
DB25
R3
470
R4
470
R5
470
R6
470
R9
36
S2
SW DIP-8
R2
36
MODE
S3
SW DIP-8
ICT
TP5
GND
TP6
GND
TP7
GND
TP8
GND
VCC5V
U4
VCC
CLK
GND
2.048MHz
C10
0.1uF
R10
36
TP4
MCLK
EXAR AD INFINITUM
Title
XRT81L27 EVAL
Size
C
Document Number
H:\ORCAD\PCB\81L27
Rev
0
Date:
Wednesday, November 22, 2000
Sheet 1 of 1