



CON1  
DB9M/90

9  
5  
6  
1

30MHz  
1  
QG1

5  
C10 100µF  
C19 10µF

RS  
L4  
C24 10µF  
C45 100n

IC1  
AD9851  
C2 100n  
C4 100n  
R1 560R  
R2 560R  
R3 560R  
R12 27R  
R13 51R  
R14 22p  
R15 82p  
R16 82p  
R17 1k  
R18 1k  
R19 51R

IC2  
AD8302  
C12 100n  
C13 10n  
C14 10n  
C15 10n  
C16 10n  
C17 100n  
C18 10n  
C20 22p  
C21 82p  
C22 82p  
C23 100n  
C27 100n  
C28 6,8p  
C29 6,8p  
C30 10n  
C31 6,8p  
C32 6,8p  
C33 100n  
C34 100n  
C35 100n  
C36 100n  
C37 100n  
C38 100n  
C39 100n  
C40 10µF  
C41 100n  
C42 100n  
C43 100n  
C44 100n  
C46 10µF

L7 100µH  
L8 100µH  
L1 100µH  
L2 150nH  
L3 220nH  
L6 150nH

D  
R8 10k  
R7 10k  
R9 10k  
R10 10k  
R11 10k  
R12 27R  
R13 51R  
R14 22p  
R15 82p  
R16 82p  
R17 1k  
R18 1k  
R19 51R

D4 D3  
D2 D1  
R15 50R  
R16 50R  
R17 1k  
R18 1k  
R19 51R  
R20 10k  
R21 10k  
R22 10k  
R23 100R  
R24 100n  
R25 10k  
R26 10k

IC3  
TLC1549  
IC4  
TLC1549  
C5 100n  
C6 10µF  
C7 10µF  
C8 100n  
C9 10µF  
C10 100µF  
C11 10n  
C12 100n  
C13 10n  
C14 10n  
C15 10n  
C16 10n  
C17 100n  
C18 10n  
C19 10µF  
C20 22p  
C21 82p  
C22 82p  
C23 100n  
C24 10µF  
C25 100n  
C26 100n  
C27 100n  
C28 6,8p  
C29 6,8p  
C30 10n  
C31 6,8p  
C32 6,8p  
C33 100n  
C34 100n  
C35 100n  
C36 100n  
C37 100n  
C38 100n  
C39 100n  
C40 10µF  
C41 100n  
C42 100n  
C43 100n  
C44 100n  
C45 100n  
C46 10µF

IC6  
LT1252  
C40 10µF  
C43 100n  
C44 100n  
R20 10k  
R21 10k  
R22 10k  
R23 100R  
R24 100n  
R25 10k  
R26 10k

T1  
BN 79-202 or FritzZakel  
R14 50R

TX2SA-5V  
RE1  
BC237  
E  
C  
B  
PAD1

VNA3p2

IN

WOB

VNA

OUT

BNC\_WOB

BNC\_VNA