J1

R1 Q1

R2 1.02K   R3 100   R4 100   R5 10   200K

100K   0.1uF   0.1uF   0.1uF   0.1uF   19.6K

R6   C1   C2   U1 LT1055   C4   R8

R9   R10

200K

U2

R7

C5   C6

D1   D2

1N4148   0.1uF   U3

J2

DTN30   DTP5

*Note:R9,R10 are 3296 POT