

A

B

C

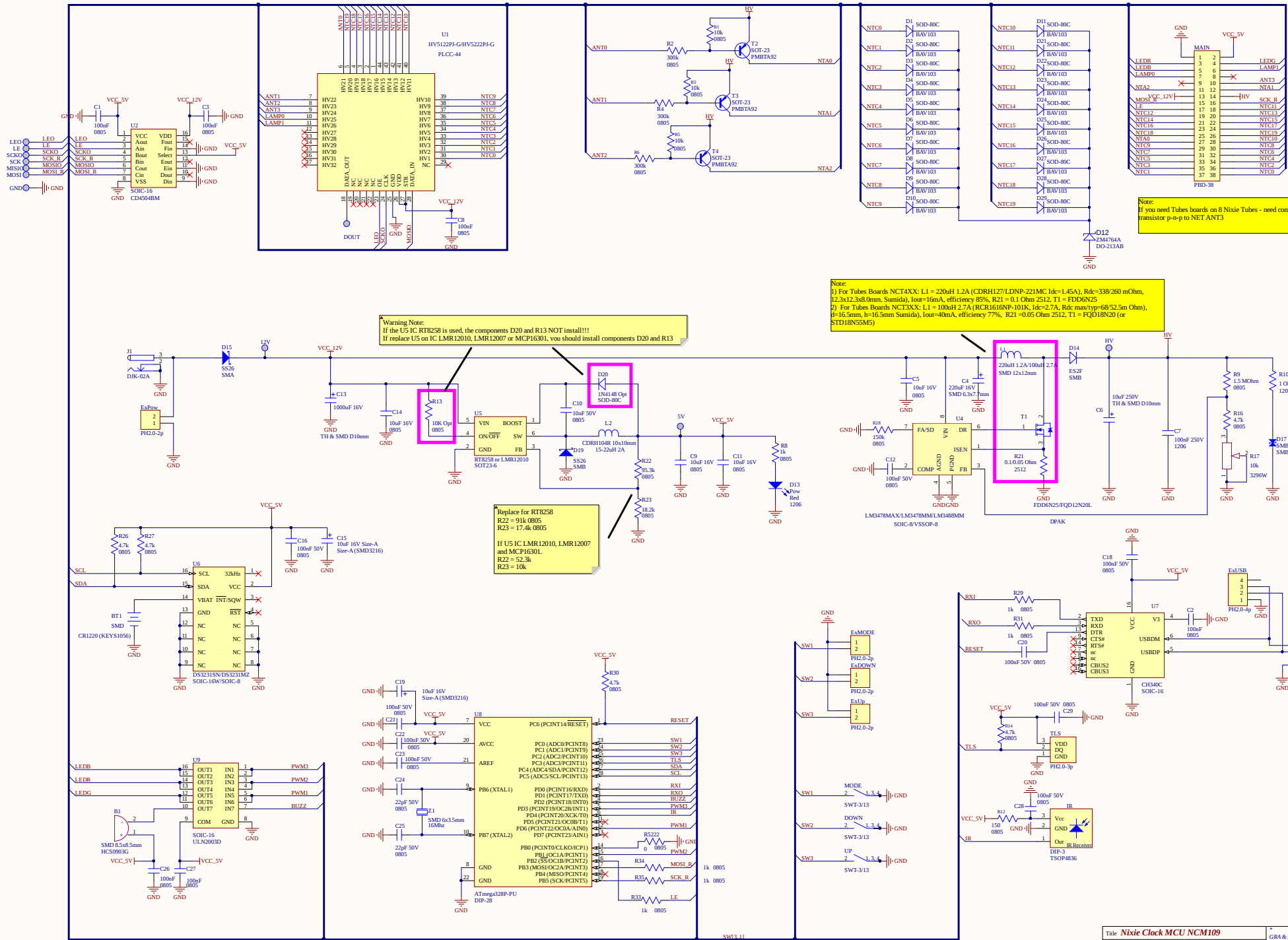
D

A

B

C

D



Warning Note:
If the U5 IC RT8258 is used, the components D20 and R13 NOT install!!!
If replace U5 on IC LMR1201, LMR1207 or MCP16301, you should install components D20 and R13

Replace for RT8258
R22 = 91k 0805
R23 = 17.4k 0805
If U5 IC LMR1201, LMR1207
and MCP16301.
R22 = 52.3k
R23 = 10k

Note:
1) For Tubes Boards NCT4XX: L1 = 220uH 1.2A (CDRH127/LDNP-221MC Idc=1.45A), Rdc=338/260 mOhm, 12.3x12.3x8.0mm, Sumida), Iout=16mA, efficiency 85%, R21 = 0.1 Ohm 2512, T1 = FDD6N25
2) For Tubes Boards NCT3XX: L1 = 100uH 2.7A (RCR1616NP-101K, Idc=2.7A, Rdc max typ=68/52.5m Ohm), 8-16.5mm, h=16.5mm Sumida), Iout=40mA, efficiency 77%, R21 = 0.05 Ohm 2512, T1 = FQD18N20 (or STD18N55M5)

Note:
If you need Tubes boards on 8 Nixie Tubes - need connect external transistor p-n-p to NET ANT3