



Note:
 1) If L1 = 220uH 1.45A (CDRH127/LDNP-221MC Idc=1.45A, Rdc=338/260 mOhm, 12.3x12.3x8.0mm, Sumida), Iout=16mA, efficiency 85%, R21 = 0.1 Ohm 2512, Q1 = FDD6N25 (or STD18N55M5)
 2) If L1 = 100uH 2.7A (RCR1616NP-101K, Idc=2.7A, Rdc max/typ=68/52.5m Ohm), d=16.5mm, h=16.5mm Sumida), Iout=40mA, efficiency 77%, R21 = 0.05 Ohm 2512, Q1 = FQD18N20

Warning Note:
 If the US IC RIN258 is used, the components D20 and R13 NOT install!!!
 If replace U5 on IC LMR12010, LMR12007 or MCP16301, you should install components D20 and R13

