

50ohm, 1/4 wavelength @ 861.9MHz
 [E_r=4.6, Loss_t=0.008]
 W=1.28mm(+/-0.7mm)
 L=44.88mm(+/-1.66.9mm)
 (h=0.8mm(+/-1.9mm))
 (h=0.1mm(+/-0.9mm))

RC = 470 uS

This capacitor will be mounted on the opposite side of the antenna switch(U7) case when no diversity antenna.

ANTENNA for diversity

1/4 W.L. @ 861.9MHz = 85.1mm(+/-3448.7mm)
 in free space[E_r=1]

ANTENNA

Antenna to Tx Insertion Loss = 2.5 dB max

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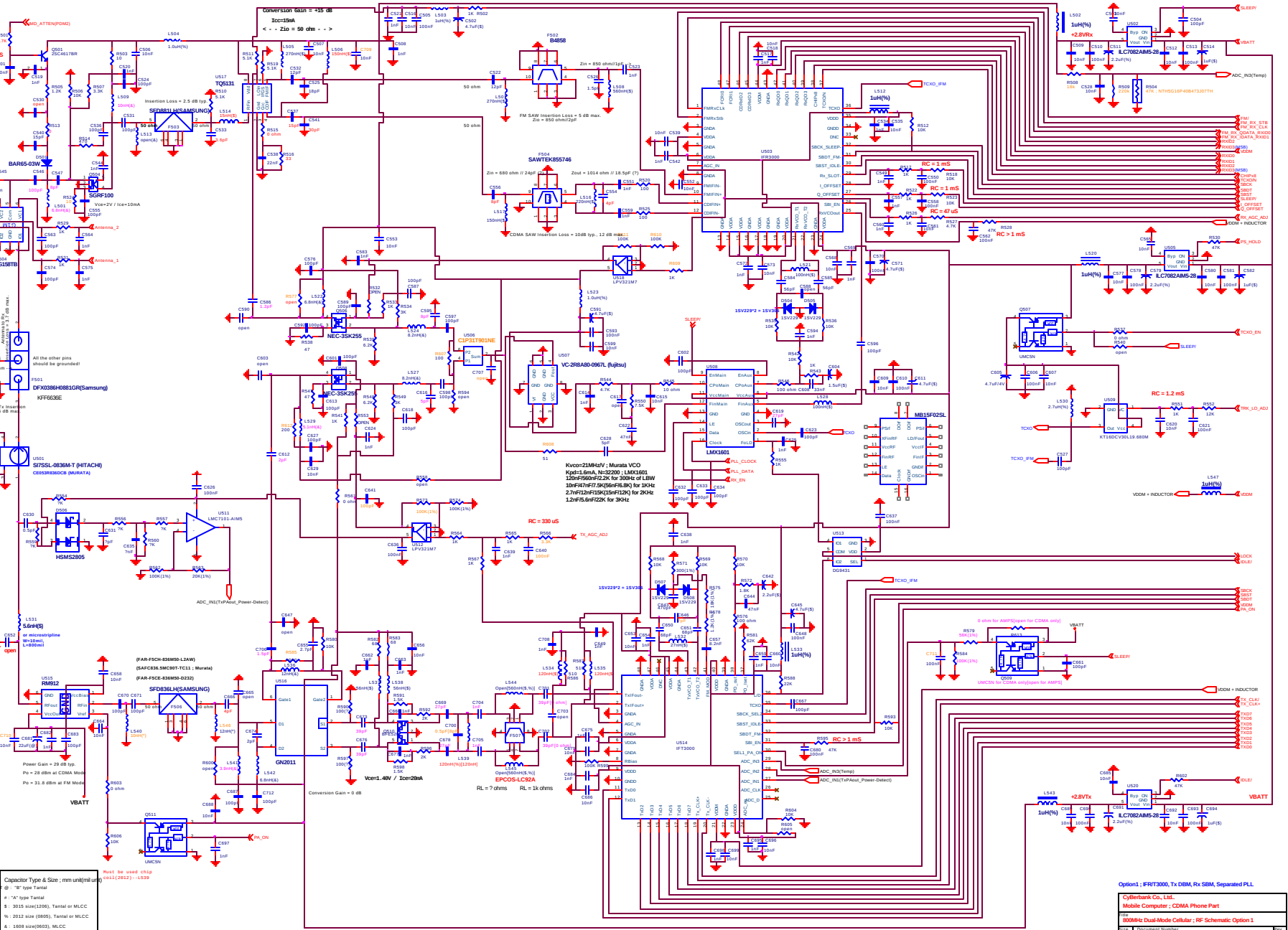
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Inductor Type & Vendor : mm unit (mm unit)	Capacitor Type & Size : mm unit (mm unit)
1: 2008 size (0805), Wire-wound type, COLCOP	1: "T" type Tantal
2: 2012 size (0805), Wire-wound type, COLCOP	2: "T" type Tantal
3: 2015 size (0805), Wire-wound type, COLCOP	3: 2015 size (0805), Tantal or MLCC
4: 1808 size (0805), Wire-wound type, COLCOP	4: 2012 size (0805), Tantal or MLCC
5: 1808 size (0805), Wire-wound type, COLCOP	5: 2012 size (0805), Tantal or MLCC
6: 1808 size (0805), Wire-wound type, COLCOP	6: 1808 size (0805), Tantal or MLCC
7: 1808 size (0805), Wire-wound type, COLCOP	7: 1808 size (0805), Tantal or MLCC
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Option1 : FRIT3000, Tx DBM, Rx SBR, Separated PLL
 Cybertek Co., Ltd.
 Mobile Computer : CDMA Phone Part
 800MHz Dual-Mode Cellular : RF Schematic Option 1
 Component Number : 1000
 Revision : 1.0