Comment 1:



Comment 2:

$ I\_{L}=\frac{27\_{mA}\*3.5\_{V}}{1.9\_{V}\*0.9}=55.26mA$,$ L=\frac{1.9\_{V}\*(3.5\_{V}-1.9\_{V})}{40\%\*55.26\_{mA}\*1200\*10^{3}\*3.5\_{V}}=\frac{2.66\_{V}}{0.4\*55.26\*1200\*3.5\_{V}}=33uH$

$C\_{OUT}=\frac{27\_{mA}\*(3.3\_{v}-1.9\_{v})}{10\_{mv}\*1.2MHz\*3.3\_{v}}=\frac{27\*10^{-3}\*\left(3.3-1.9\right)}{10\*10^{-3}\*1.2\*10^{6}\*3.3}=1.05uF$



**chosen: 2.2uF**