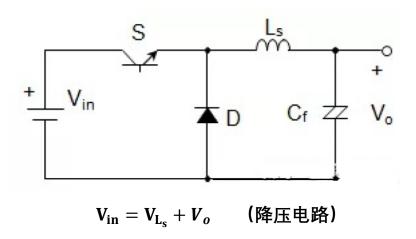
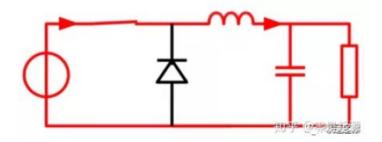
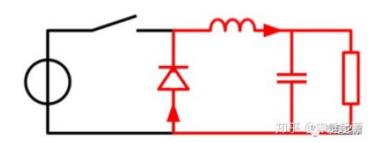
- 关于测距的 bonus: 矩阵[x y 1]^T 右乘一个相机参数矩阵 可以得到一个三维向量 指示物体的方向。
- Buck 电路:



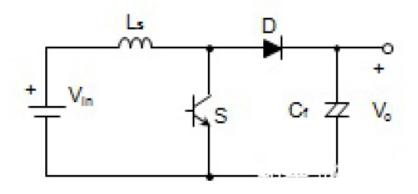
(1) 开关导通



(2) 开关断开

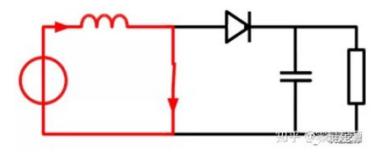


■ Boost 电路:

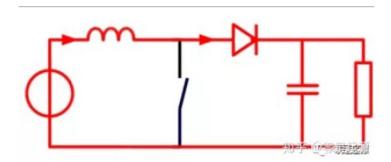


$$V_{o} = V_{in} + V_{L_{s}} - V_{d}$$
 (降压电路) $*$ 一般 V_{d} 较小可忽略

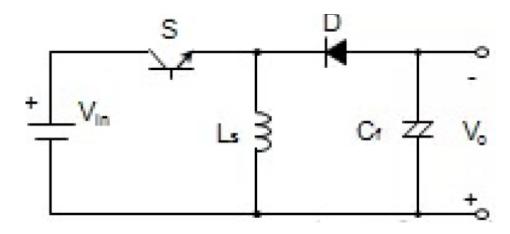
(1) 开关导通:



(2) 开关断开:

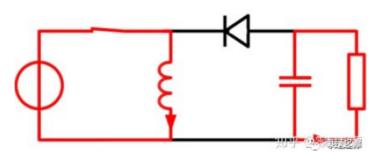


■ Buck-Boost 电路



输入电压 和 输出电压 极性相反

(1) 开关导通:



电感储能 电容放电

(2) 开关截止:

