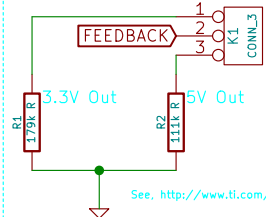


Output Control

$$R_{OUT-FB} = R_{FB-GND} * ((V_{OUT} / V_{FB}) - 1)$$

$$V_{FB} = 500mV$$

$$R_{OUT-FB} = 1MR$$



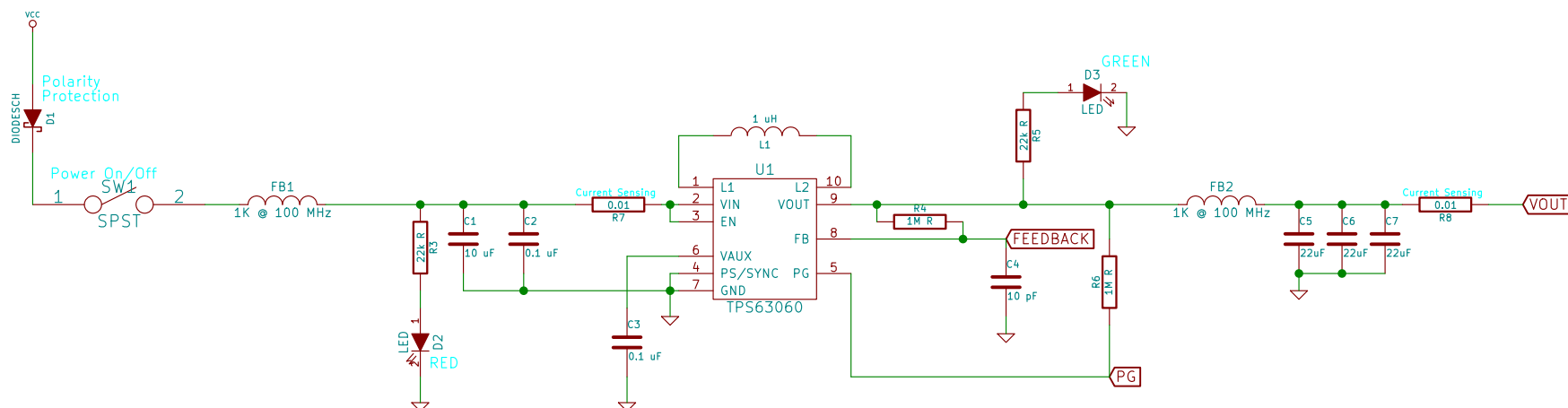
See, <http://www.ti.com/lit/ds/symlink/tps63060.pdf>
pb. 14, eq. 6

Reference Values:

C1, C2 = 10 uF
C3 = 0.1 uF
C4 = 10 pF
C5, C6, C7 = 22 uF

R2 = 111 kR
R3 = 22 kR
R4 = 1 MR
R6 = 1 MR

Pulled from TI Reference Design,
See: <http://www.ti.com/lit/ds/symlink/tps63060.pdf> page 12
Other components not part of reference



Ampture Engineering

Sheet: /
File: buckboost.sch

Title: Ampture-5VOut-Buckboost

Size: A4 Date: 2016-03-20
KiCad E.D.A. kicad no-vcs-found-product

Rev: 1
Id: 1/1