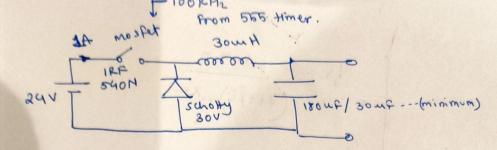
BUCK convertor [step down]. 241 in - 1 Ain. desired ofp = 5% werent increases. efficiency : 90% () Vout = Vin (D). :.5= 24(P) :. D= 0.20833 :. D = 5 = Shore on 24 msec off JAMP (0.20833) Pin = V.I = 24. 1 = 240 Pout = 90 %. x24 = 21.6 10 Proof = Your X Isol :21.6 = 5 × Io4 :- Ioet = 4.32A henu, At 90% efficiency our buck convert Short step down the voltage to 54 of step up the world to 9.32 A



: Lout =
$$\frac{21.6}{5}$$
 = 4.32A

A Vout is the output sipple wolfage usually IV. Vout

for died, Schoty digdi; Yeem = Vin (244, 30 maximum). wrent raty IO > Vout (4.32A)

58530

$$10x63 + PL = \frac{p^22}{0.208}$$

$$\frac{100\times10^{3}}{10\times10^{3}+2626.26}.C$$

