



switchmode calculator for mc34063
 STEP UP
 Vout 30
 Ton/Toff 5.234042553
 Vin min 6
 Toff 2.00512E-06
 Vsat 1.3
 Iout 0.008
 Fmin 80000
 Vrip pp 0.01
 Lmin 0.000494522
 Co 7.55631E-05
 R1 10000
 R2 230000

Current sense 5mA < 1V, 0.1mA < 20mV (> Vio)

Vio 7mV

LP rolloff 10ms = 100Hz

Title		
Size B	Number	Revision
Date: 28-Jan-2011	Sheet of	
File: D:\personal Nov 2010\dc stimulator july 2010\dc stimulator.ddb		