Vin = 230V +0/015 >

195 VAC < Vin < 265 VAC

0

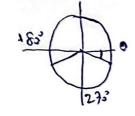
193 x J= 276V Verin=0,8

AVCAP = 0/0 15

276 x 0,85 = 235V

276 sin (wt1=-235v

=> wt = -58,37°,238°



180 x 10ms=8,22ms

V(ort) = 276+235 = 2550

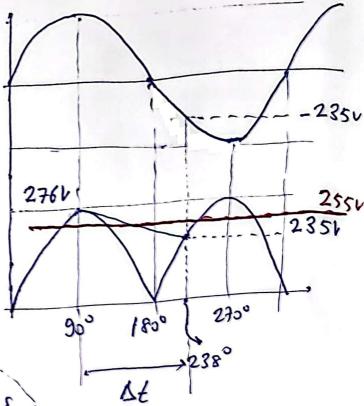
ICAPOESARJ = 15W/0,8 = 74mA

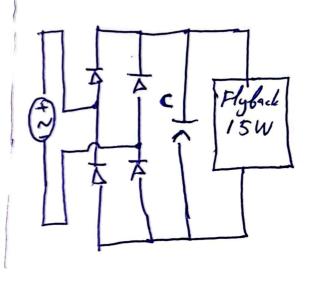
ΔV= 276-235=41V

74mA. 8,22ms= 41V

> C= 148µF

-> 15MF yoda 22MF 400V CAP sosition

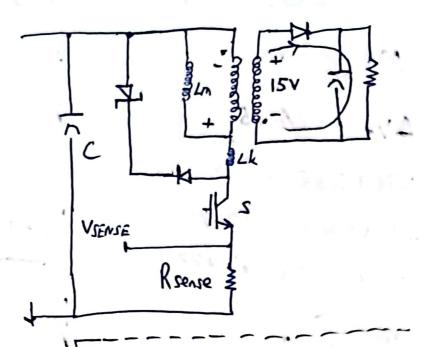




230VAc ± 0/0 15 => 1/4F 1W Universel input => 2/4F 1W

VCCOATI 2554

1,129 m+1



TSCAMSI = IPT (RMS) = IRSENSE (AMS)
(8 100 kHz)

RSENSE

VSENSE= IV => BCOAE = 0,37

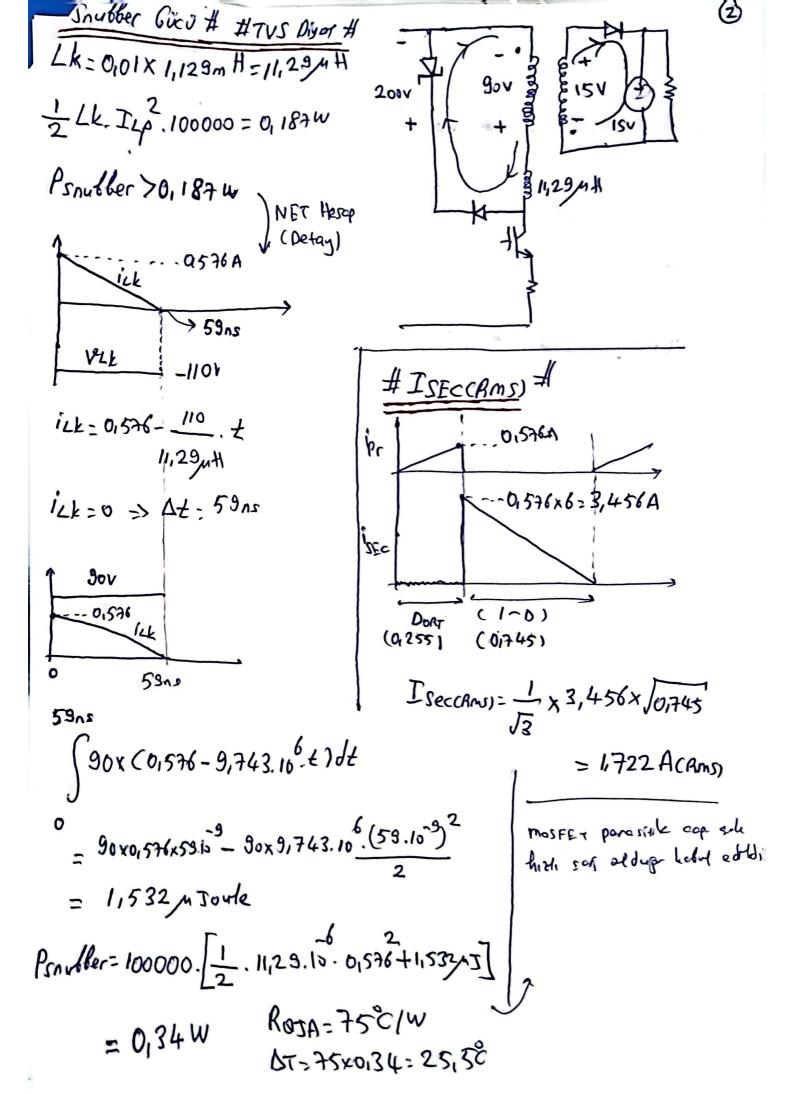
VSENSE=0,666T & BCORE=0,2T

RSENSE = VSENSE = 0,666 = 1,157 =

PRSENSE = 0,172. 1,157:0,033W

2,28/1228=1,15

Hoseyin Yesityart



CamScanner ile tarandı

>1615 Dyody# 264.Jz=373V 373/6=62,222 373v Vocpeal1 = 62,22+15=77,22V Not Schis poco timisterek istening Rose = 33RA33R 2001 ugpan 583200. yeptlather Kontol demessal berleyerelse bron yok IPCORTI=IO= 1A RUJA = 25 C/W #usim # VF= 0.8V Pears = 0,8x1=0,8W VOS(peak) = 573V AT= 0,8 x250 = 200 Vusim = 1000 V #mosfet # LISIM 573v VOS(RMS) < VUSIM (RMS) VASCMAX) = 373+200=573V NTD 360N80137 800V, 360mSZ, 13A, DPAK, Q6=25AC @6,5A,400V Iscams). 0,36= 0,17-636=0,01W Tunn off kay plan dusck (20,35w) ROJA = 62,50/W frehas distirction AT=62,5×0,36=22,5c

1 KAFO #			Lk	< 11,29	y H	(4)
Priner: Sebader	Po	Ipr(Rms)	I sec(Rms)	Lpr.	Ispeck	_
6	ςω	altarms	1722 ARms	1,129~4	O ₁ 536 A	
Bastages => EF25: 32W @100 kHz Ac-51,8mm² Aw=95,3mn²						
L.I= N. Ø, L.I= N. B. Ae						
1,129mH-0,576= N.927.51.8.10 => Npr=63 Npr=Nec						
J=5A/mm2 sess		3 2 7 2 2 8		66:	11 sesit	sin.
5A → 1mm² 0,17A → 0,034mn² ⇒ pr Acu=0,038mm²						
I sec (Rms) = 1,722 A 5A → 1 mm ² 1,72A → 0,344 mm	ARms 2 ≥	Ned exhist	•	Acu	0,397m	2
Acre 66x0,038+11xn. 322 - 6.655002						
Som faktoro= (Acy/Aw) x100 = 6.655/95,3 = 0/07 0/07 < 0/025 rahat spar. Nove Eusotechebric (iteraryon)						
lape do 00000	#-0 m V3 50 000 0	et neste 41	$\frac{3}{8} + \frac{4}{8} = \frac{7}{8}$	CamScanner	X0122mm 3	w

IBEG

#Kipro Digot # P= 1875W

VCAPCORTICMIN)=255V

IBEG (ORT) = 18175 = 74MA

IDICORT) = IDICORT) = 74mA - 37m A

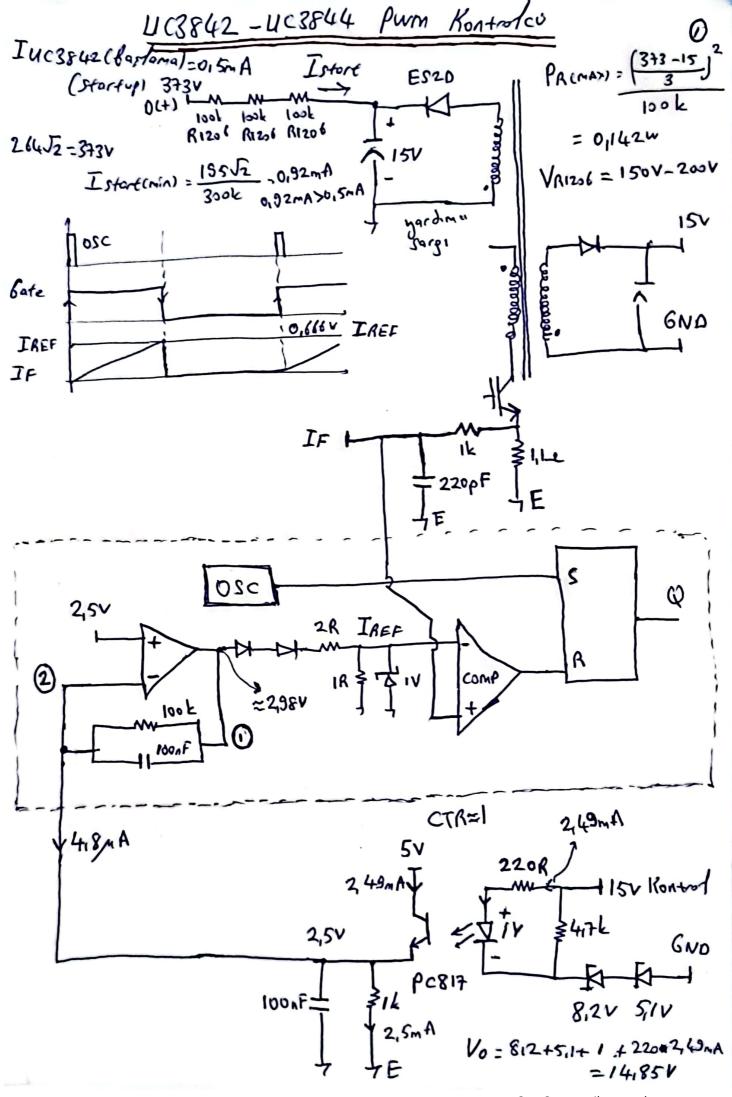
POI= 37.10 XI = 0,037mW -> S2m ROJA=530M DT=20

4xPo1- 4x0,037mw=0,148w

ROJA - 40°CLW DT 2 0,148x40. 5,92°C

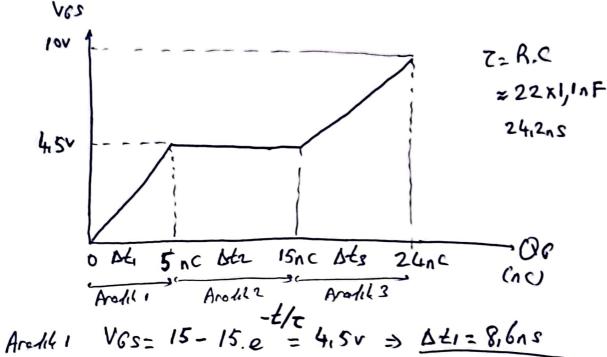
#NTC - Common mode Choke # IIncams) = 18,75W 1 = 137mAcross 135VRms 017

NTC= 185715350100 161, CTESt= 100/1 F & 230VAC ANTE & LA @ 137mA TNTE = 600 842 Common mode => 6,7A 39mH 33mH : Lasak R=1,12



CamScanner ile tarandı

NTO36N80532, 800V, 360ms, Ciss=1143pf @ VAS2400V VOS=0V f= 250 kHz



yada V65(ORT) = 4,5to = 225 IGate = 15-2,25 = 0,58A 0,58AxBd1=5nc => Dd1=8,6ns

Aratil 2 IGME = 15-4,5 = 0,477A 0,477A x 0 = 10 nc = 162 20,95 ns

Arafle 3 VGSCORT) = 10+415 - 7:25 IGATE - 15-7:25 - 0:352A 01352AXBt3 = 9nc => Dt3 = 25,54ns

BEI + DEZ+ DE3 = 55 ms

UC3842 ourpur lise time= 150ns (Max) 150ns > 55ns 6 ate 20151 150 ns. (max.) som 150 ns << 10 Ms