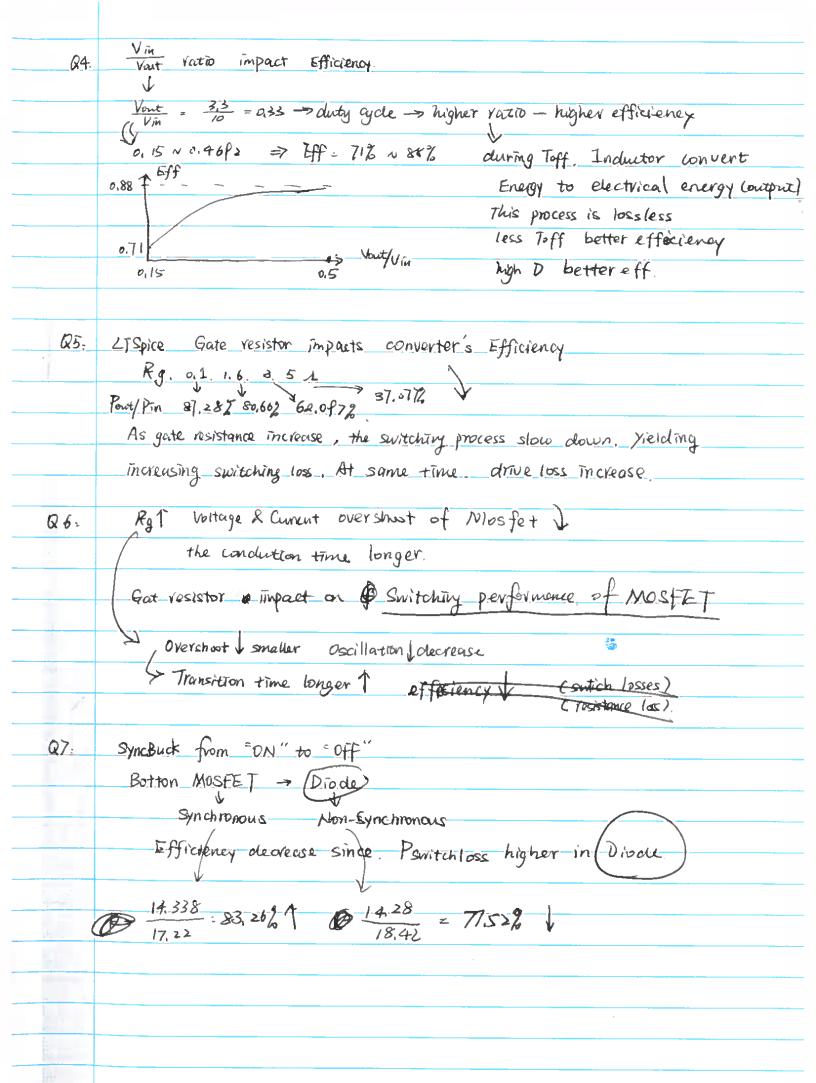
	2022/06/19
	LT spice plotted plot stepled meas data from Spice error log.
	data vs step
	selected tracks trace
	ign be car changed to other docta
	For example: Eff us lout
	How to vary the origin award when Vin=10 Vout = 3.3.V.
İ	lost = mean value of IL ->
	lost = mean value of $I_L \rightarrow esr$ $Gp \bullet (s) = \frac{V_o}{iL} = \frac{R(1+srE)}{(1+sRC)} \Rightarrow plant$ Vironsfer function R (need to learn) R Cout $Pole \ location$ $Freq$
	Transfer function & cneed to learn) R Cout
	pole location (freq,
	single pole
	-> explore later
H	
Q1	=> O Input V = lov Vout = 3.3 V. Eff
ħ.	R2 -7 ON 33/2]out = 0,5N4A 0,87
j	Han Part or Part = Eff Vs Iout, 0-15
E.	# Eff = 1 - Ploss 0.5
f.	Pin Plass = Pronduction loss + Pswich loss
	Plass = I. Rods
Q2	=) Almost the same: Eff: 56,5% ~ 84%
1	0.5 N 3.66 A 85/5 Jour
Q3.	0.5
	F. 319.1 KHZ 11198 KHZ
	Eff = 0.868 N 0.842 P Switching Losses = (Eon + Eoff) fs
	rac
	0,87 Switching losses 1
	Pswitchloss or fs
	0.84 1 1 1 1 1 1 1 1 1



	2022/06/20
	Archino Alano 33 IOT
	-> 3.3 V device - Jumper - USB _ VUSB - sending 3.3 V.
	(SAMD21G 32-bit microcontroller) 48MHz. Internal Real-time Clock
	(Wift & Bhietwith using ublox NINA-w101 module) 24 GHZ Antenna
	CLSM6DS3 ZMV Intertial measurement unit)
	CADC5 - SCI Internal PWU-UP
	ADC4 - SDA internal pull-up ADC4 - SDA internal pull-up
	Modulation capable pin: PWM: D2 D3 D5 D6 D9 D10 D11 D12
1	Library: WifinINA - Wifi
	Arduino LSM6DS3 - Intertial measurement
	Archino RTCZero - Real time Chock
	Arduino BLE - Bhetwth
ı	Download Arduino IDE
	Jason Format -> Example code
	Ardvino code -> Example
	pin configuration.
	Arduino Nano 33 10T
	A - deservalization message (Jason tormoit)
	-> Set più output (High/Lon)
	A Read Practable/penduino/ [Example Lode.
16.83	
i.	

4 1000