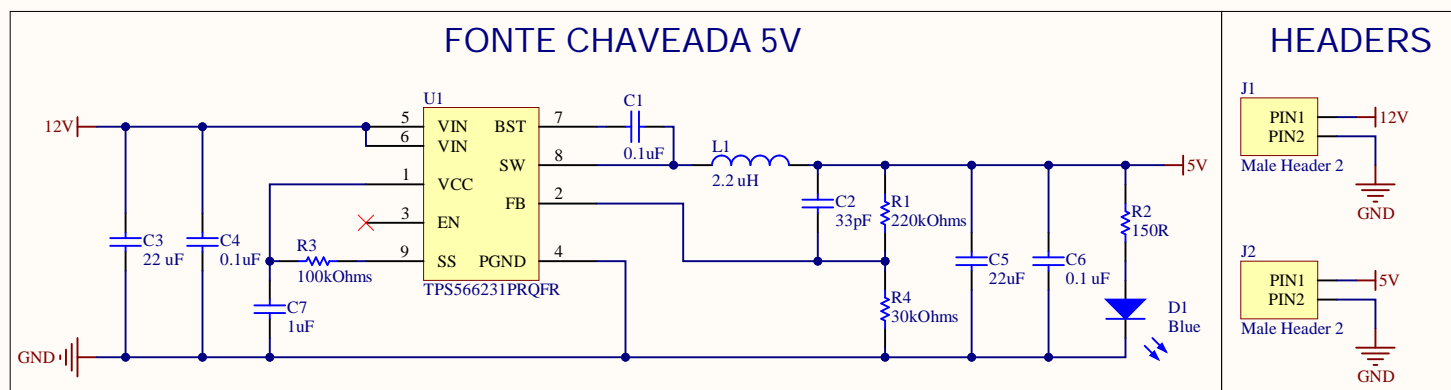


# RAIJIN

## MODULO FONTE CHAVEADA 5V



Title Esquemático Módulo Fonte Chaveada 5V		
Size A4	Number	Revision
Date: 9/23/2021	Sheet of	
File: D:\Uai\rrrior\...\Esquemático.SchDoc	Drawn By: <u>Guilherme</u>	

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	CAP CER 0.1uF 16V X5R 0402	C1	CAPC1005X55N	GRM155R61C104KA88 D	1
33pF	CAP CER 33pF 25V C0G (NP0) 0201	C2		CGA1A2C0G1E330J03 0BA	1
22 uF	CAP CER 22UF 35V X7R 0805	C3	C0805	C2012X5R1V226M125 AC	1
0.1uF	CAP CER 0.1uF 100V X7R 0603	C4	CAPC1608X90N	GRM188R72A104KA35 D	1
22uF	CAP CER 22uF 10V X5R 0805	C5		LMK212BJ226MG-T	1
0.1 uF	CAP CER 0.1uF 25V X7R 0603	C6	C0603	GRM188R71E104KA01 D	1
1uF	CAP CER 1uF 16V X6S 0402	C7	C1005	C1005X6S1C105K050B C	1
Blue	LED 75mW BLUE 45MCD 3215	D1	DIODO_2-SMD-3215	EAST3215BA5	1
Male Header 2	Male Header 2	J1, J2	MALE HEADER 2	Male Header 2	2
2.2 uH	IND FIXED 2.2uH 6.7A 15mOHM	L1	8040	VLP8040T-2R2N	1
220kOhms	RES SMD 220 KOHMS 0,1% 1/10W 0603	R1		RG1608P-224-B-T5	1
150R	RES SMD 150 OHM 1% 1/32W 0402	R2	RESISTOR_0402	CRCW0100150RFREL	1
100kOhms	RES SMD 100 KOHMS 1% 1/16W 0402	R3	RESC1005X40N	CRCW0402100KFKED	1
30kOhms	RES SMD 30 KOHMS 1% 1/10W 0603	R4	RESC1608X55N	RC0603FR-0730KL	1
TPS566231PRQFR	IC REG SWITCHING 4A 0,6V TO 7V	U1		TPS566231PRQFR	1