



Title		
Size	Number	Revision
A4		
Date:	2022/2/24	Sheet of
File:	F:\在线电流监测2103\inline2103V1.SchDrawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	Header, 2-Pin	+36V GND	DIP2	Header 2	1
	Inductor	330	IND-SMD_L7.5-W7.5	Inductor	1
Header 3	Header, 3-Pin	A B C	DIP6	Header 3	1
	Capacitor, Resistor	C1, C2, C3, C4, R1, R2, R3, R4, R5, R6, R7, R8, R9	1206001	Cap, Res1	13
Cap Semi	Capacitor (Semiconductor SIM Model)	C5	1206001	Cap Semi	1
	Polarized Capacitor (Radial), Capacitor	C7, C8, C9	大电容0111	Cap Pol1, Cap	3
1N4148		D1	SOD-123_L2.7-W1.6-LS3.7-RD	1N4148W_C908248	1
1N4148W		D2, D3	SOD-123_L2.7-W1.6-LS3.7-RD	1N4148W_C908248	2
IN5824	Default Diode	D4	D789	Diode	1
Header 9	Header, 9-Pin	EN INHA INHB INHC INLA INLB INLC VCC GND	HDR1X9	Header 9	1
INA240		INA1, INA2	INA240	INA240	2
Header 3	Header, 3-Pin	IS1 IS2 IS3	HDR1X3	Header 3	1
Header 3X2	Header, 3-Pin, Dual row	JUMP	HDR2X3	Header 3X2	1
LM2596S-12.0	SIMPLE SWITCHER Power Converter 150 KHz 3A Step-Down Voltage Regulator	LM2596	TO-263-5_L10.2-W8.9-P1.70-BR	LM2596S-5.0	1
IRF540S		Q1, Q2, Q3, Q4, Q5, Q6	TO-263-2_L10.1-W9.1-P5.08-LS15.2-BR	IRF540S	6
	Resistor	R11, R12	2512001	Res3	2
IR2103STRPBF		U1, U2, U3	SOIC-8_L4.9-W3.9-P1.27-LS6.0-BL	IR2103STRPBF	3