



Title		
Size	Number	Revision
A4		
Date:	8/05/2023	Sheet of
File:	D:\Mengyao_Liu2023\...\CaInV2.0.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
8x1F-H8.5		ADC1, POWER1, PWM1	1X08	PINHD-1X8	3
4.7pF	Capacitor	C1, C2, C3, C4	CAPC2012X145N	VJ0805A101JXBMC	4
100 pF	Capacitor	C5, C6	CAPC2012X145N	VJ0805A101JXBMC	2
0.01uF	Capacitor	C7	CAPC2012X145N	VJ0805Y103KXBAC	1
RB706F-40FHT106	2 Diodes - Cathode-Anode Cathode-Anode DIODE_2CACA-SOT23	D1, D2	SOT23	DIODE_2CACA-SOT23	2
ADG918BRMZ-REEL7	Integrated Circuit	IC1	SOP65P490X110-8N	ADG918BRMZ-REEL7	1
TLV7031DBVR	Integrated Circuit	IC2	SOT95P280X145-5N	TLV7031DBVR	1
Header 3	Header, 3-Pin	P1	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	P2, P3	HDR1X4	Header 4	2
10x1F-H8.5		PWMH1	1X10	PINHD-1X10	1
0R_Jumper	Resistor 0ohm_0805	R3, R4	RESC2013X84N	WSL080500000ZEA9	2
1Mohm	Resistor	R5	RESC2012X50N	RCS0805100KFKEA	1
100K	Resistor	R6	RESC2012X50N	RCS0805100KFKEA	1
RGND	Resistor	R7	RESC2012X50N	RCS0805100KFKEA	1
SMACONNECTOR_EDGE	SMA Connector 90度 DIP SMA Connector, 50 Ohm (4UConnector: 07259)	X1	SMA_EDGE LAUNCH	SMACONNECTOR_EDGE	1