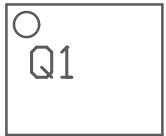
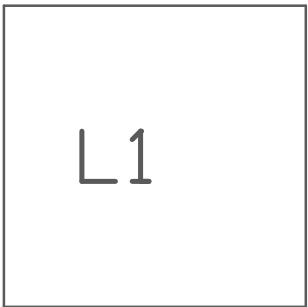
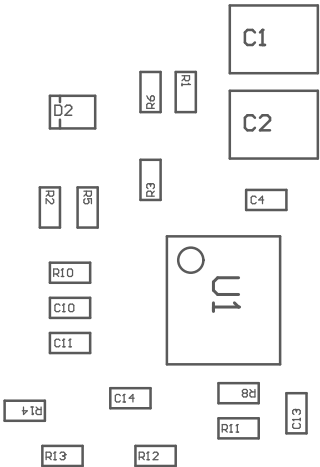
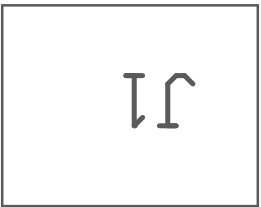
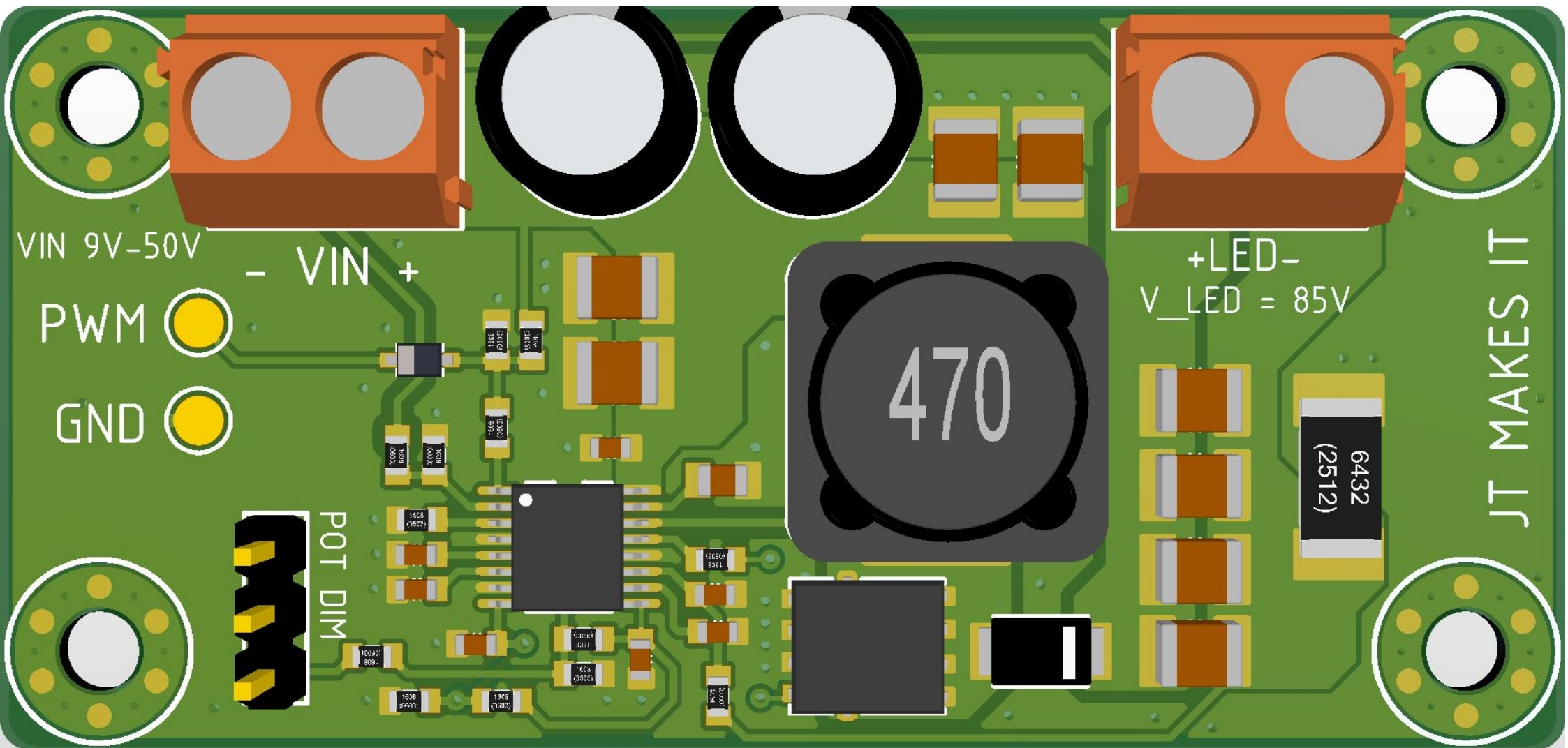


LEDS 8x CMA1303-0000-000C0Z0AL5A

Title		
Size	Number	Revision
A4		
Date:	4. 11. 2021	Sheet of
File:	C:\Users\...\Camera Boost LED Driver.Sch Drawn By:	





Designator	Quantity	Comment	Footprint	Manufacturer	Manufacturer Part Number	Supplier 1	Supplier Part Number 1	Voltage	Dielectric
C1, C2, C15, C16	4	4.7uF	CAPC3225X190N					50V	X5R
C3, C18	2	100uF	CAPPR350-800X1200	Illinois Capacitor / CDS	107AVG063MFBJ	Mouser	598-107AVG063MFBJ	63V	Alu Elec
C4, C10, C11, C12, C13	5	100nF	CAPC1608X80N					50V	X7R
C5, C6, C7, C17	4	2.2uF	CAPC3225X250N					100V	X7R
C8	1	2.2uF	CAPC2012X125N					25V	X5R
C9	1	47nF	CAPC1608X80N					50V	X7R
C14	1	1nF	CAPC1608X80N					50V	X7R
D1	1	STTH3R02-Y	SOD128	STMicroelectronics	STTH3R02AFY	Mouser	511-STTH3R02AFY		
D2	1	PMEG4010CEJ	SOD323F	NXP	PMEG4010CEJ,115	Farnell	1757777		
J1, J2	2	TB PM5.08/2/90 BLK	TB Omnimate 5.08 - 2	Weidmuller	PM5.08/2/90BLK	Farnell	1131855		
J3	1	25k pot	Header 1X3 2.54mm	Harwin	M20-9990345				
L1	1	120uH	INDP Bourns SRR1210		SRR1210-121M	Mouser			
Q1	1	SIR632DP-T1-RE3	PG-TDSON-8	Vishay Siliconix	SIR632DP-T1-RE3	Farnell	2729837		
R1	1	75k	RESC1608X55N						
R2	1	56k	RESC1608X55N						
R3, R6	2	10k	RESC1608X55N						
R4	1	10	RESC1608X55N						
R5	1	680	RESC1608X55N						
R7	1	47	RESC1608X55N						
R8, R10, R13	3	100k	RESC1608X55N						
R9	1	0.05	RESC6332X70N						
R11	1	24k here if no potentiometer	RESC1608X55N						
R12	1	390k	RESC1608X55N						
R14	1	820	RESC1608X55N						
U1	1	TPS92690	TSOP65P640X120_HS-16N	Texas Instruments	TPS92690PWPR/NOPB	Mouser	595-TPS92690PWPRNOPB		