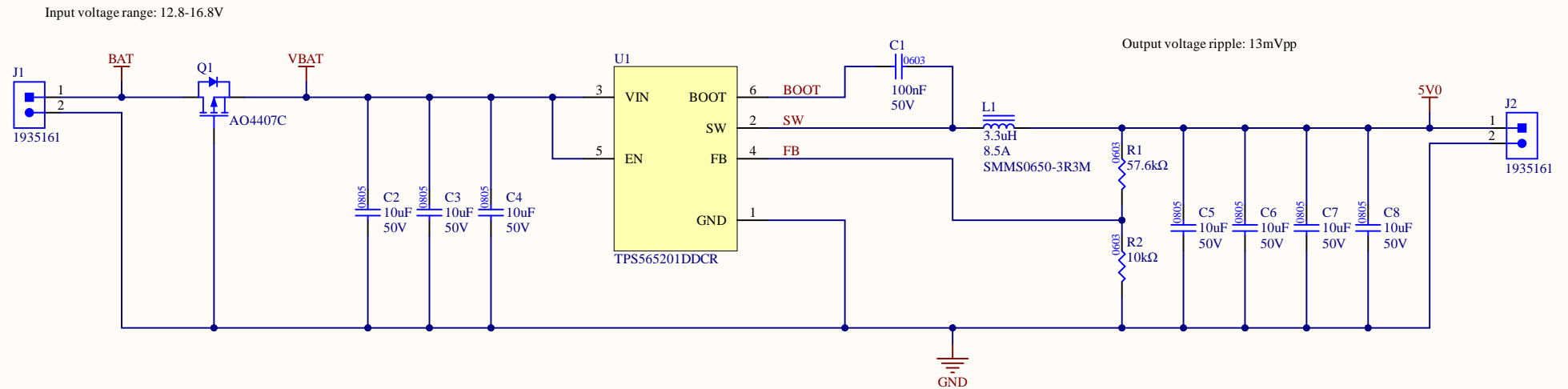
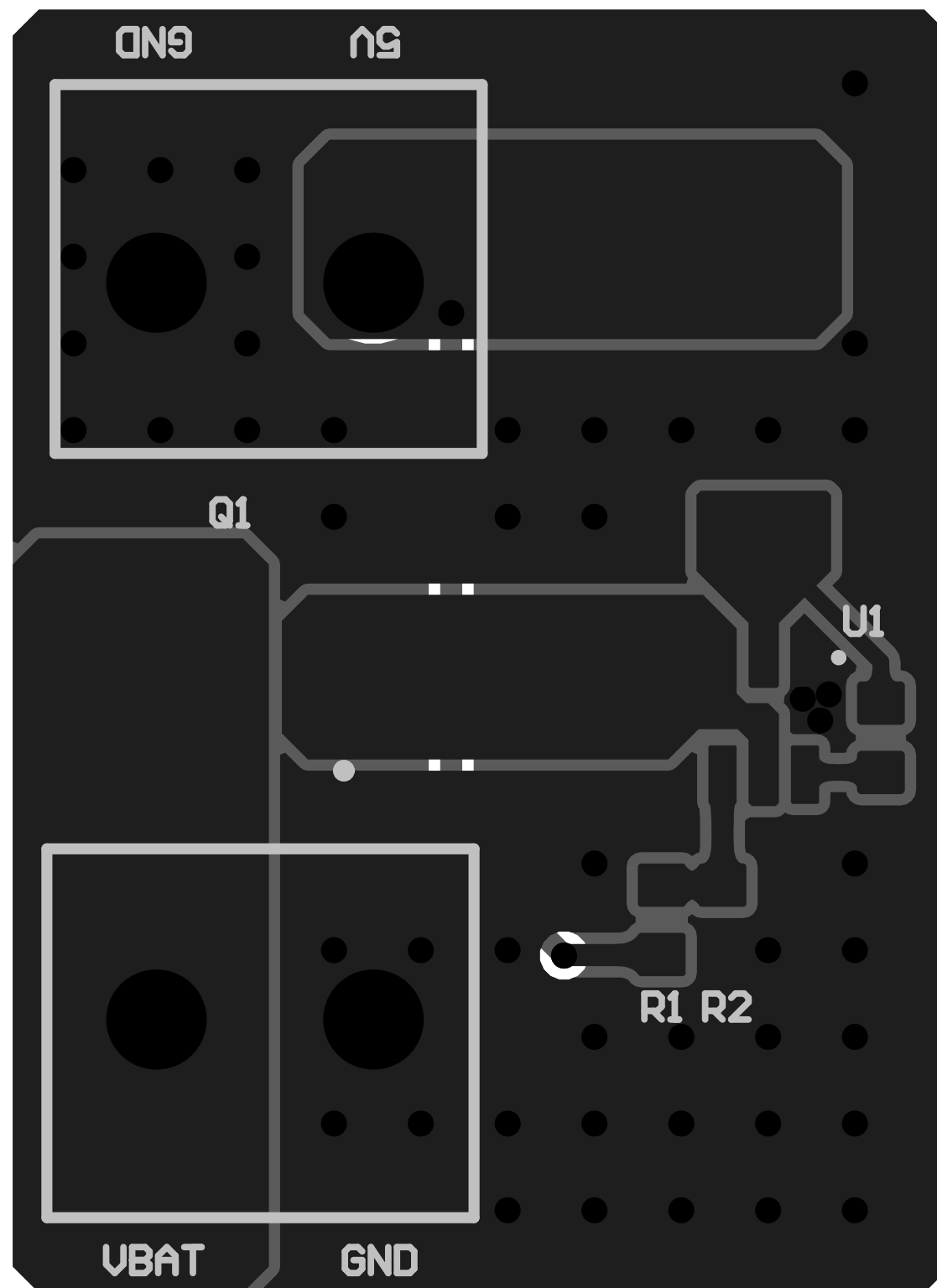


# 5V Regulator @ 5A Max.



Title		
Size	Number	Revision
A4		
Date:	7-18-2021	Sheet of
File:	C:\Users\...\PDB.SchDoc	Drawn By:



Line #	Name	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	CAP_100nF_50V_0603	CAP CER 100NF 50V X7R 0603	C1	1	KEMET	C0603C104K5RACAUTO	Volume Production	LCSC	C129621		
	CAP_10uF_50V_0805	CAP CER 10UF 50V X5R 0805	C2, C3, C4, C5, C6, C7, C8	7	Murata	GRM21BR61H106KE43L		LCSC	C440198		
	CON_2POS_SCREEN_TERM	TERMBLK 2POS SIDE ENTRY 5MM	J1, J2	2	Phoenix Contact	PT1,5/2-5.0-H		Digi-Key	277-1667-ND		
	IND_3.3uH_8.5A	IND 3.3UH 8.5A 22M OHM	L1	1	Shun Xiang Nuo Elec	SMMS0650-3R3M		LCSC	C149581		
	PMOS_30V_14A	MOSFET P-CH 30V 14A SO-8	Q1	1	Alpha & Omega Semicon	AO4407C		LCSC	C469397		
	RES_57.6kQ_0603_1%	RES 57.6K OHM 1% 1/10W 0603	R1	1	Uniroyal Elec	0603WAF5762T5E		LCSC	C23082		
	RES_10kQ_0603_1%	RES 10K OHM 1% 1/10W 0603	R2	1	Uniroyal Elec	0603WAF1002T5E		LCSC	C25804		
	TPS565201DDCR	IC REG BUCK ADJ 5A TSOT23-6	U1	1	Texas Instruments	TPS565201DDCR		LCSC	C327676		