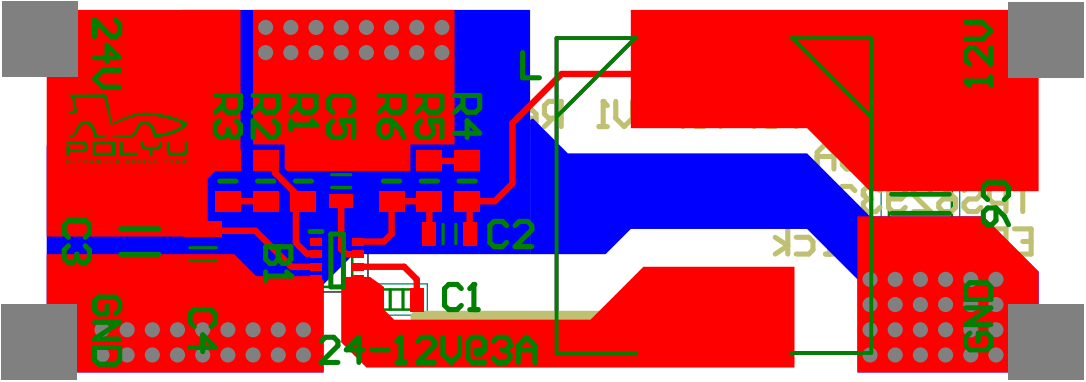
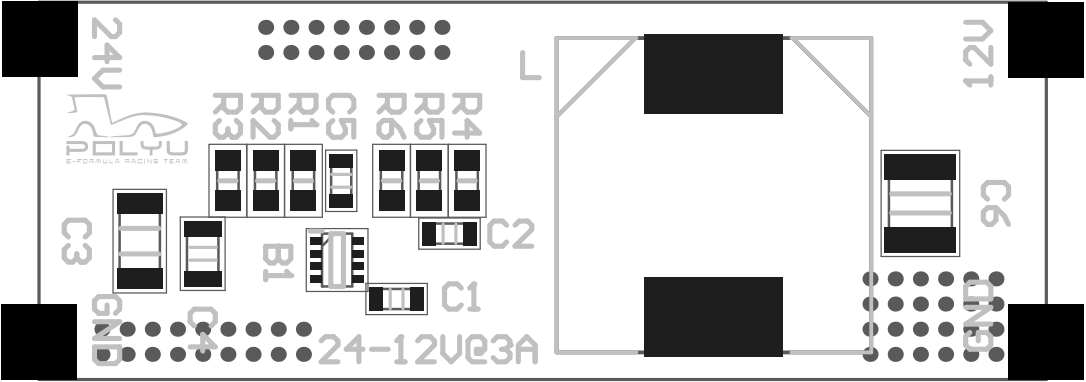
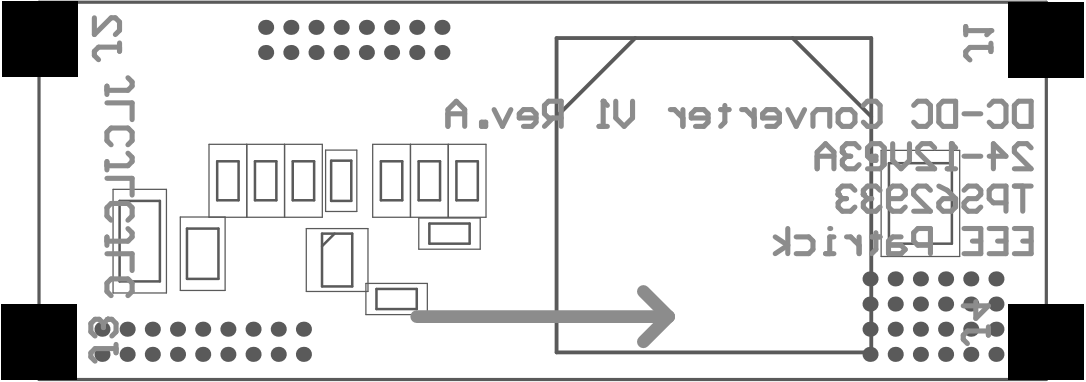
						Title 24-12V 3A Converter TPS62933					
Generation	Organization	Sub Team	Module	Ver.	Rev.	Generation	Organization	Sub Team	Module	Ver.	Rev.
06E	PERT	EEE	Converter	1	A	06E	PERT	EEE	Converter	1	A
Date 6/10/2023									Drawn By EEE Patrick		







Designator	Description	Comment	Footprint	LibRef	Quantity	Datasheet Link	Manufacturer_Name	Manufacturer_Part_Number
B1	The TPS62933 is a high-efficiency, easy-to-use synchronous buck converter with a wide input voltage range of 3.8 V to 30 V	TPS62933DRLR	SOT583_TPS62933	TPS62933DRLR	1	https://www.ti.com/lit/ds/symlink/tps62933.pdf?ts=1626073394234	Texas Instruments	TPS62933DRLR
C1	0603 SMD Capacitor	100n	0603_SMD_C	0603_SMD_Capacitor	1			
C2	0603 SMD Capacitor	47p	0603_SMD_C	0603_SMD_Capacitor	1			
C3	1206 SMD Capacitor	10u	1206_SMD_C	1206_SMD_Capacitor	1			
C4	0805 SMD Capacitor	100n	0805_SMD_C	0805_SMD_Capacitor	1			
C5	0603 SMD Capacitor	33n	0603_SMD_C	0603_SMD_Capacitor	1			
C6	1210 SMD Capacitor	47u	1210_SMD_C	1210_SMD_Capacitor	1			
L	15µH Shielded Wirewound Inductor 5.03A 24.7mOhm Nonstandard	15u	DR127_SMD_L	DR127-150-R	1			
R1	0603 SMD Resistor	68k	0603_SMD_R	0603_SMD_Resistor	1			
R2	0603 SMD Resistor	1M	0603_SMD_R	0603_SMD_Resistor	1			
R3	0603 SMD Resistor	330k	0603_SMD_R	0603_SMD_Resistor	1			
R4	0603 SMD Resistor	130k	0603_SMD_R	0603_SMD_Resistor	1			
R5, R6	0603 SMD Resistor	10k	0603_SMD_R	0603_SMD_Resistor	2			