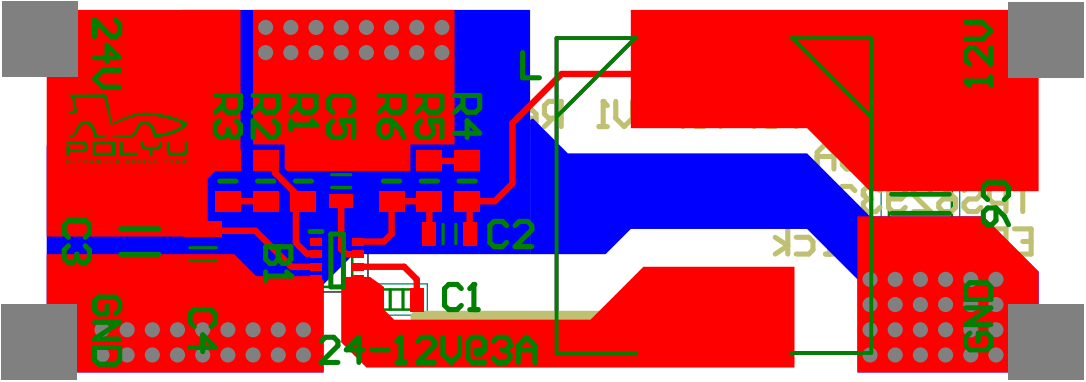
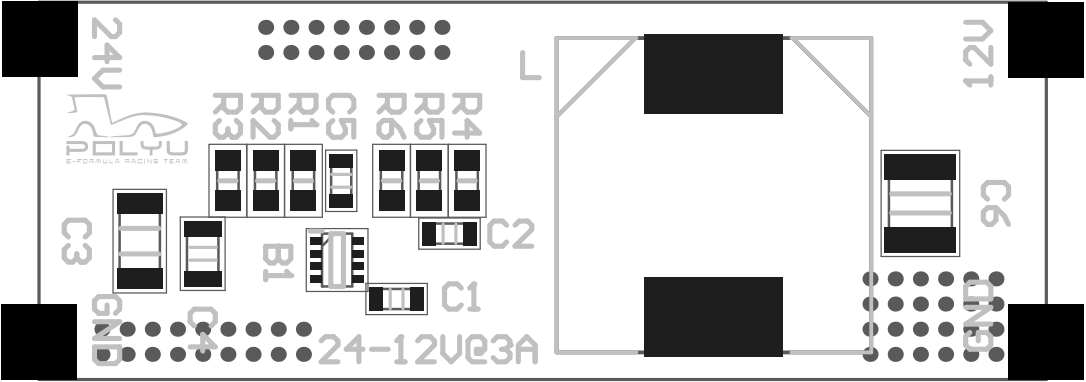
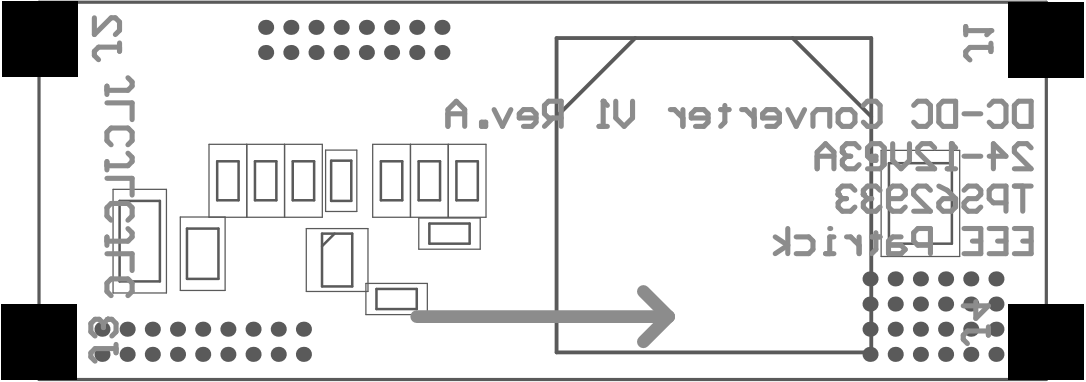
					
Title 24-12V 3A Converter TPS62933					
Generation 06E	Organization PERT	Sub Team EEE	Module Converter	Ver. 1	Rev. A
Date 6/10/2023			Drawn By EEE Patrick		







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
	TPS62933DRLR	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	B1	1	Texas Instruments	TPS62933DRLR	Unknown	Mouser	595-TPS62933DRLR	5.46	5.46
	100n	0603 SMD Capacitor	C1	1	TDK	CGA3E2X7R1E104M080AA	Volume Production	Mouser	810-CGA3E2X7R1E104MA	0.77938	0.77938
	47p	0603 SMD Capacitor	C2	1	TDK	C1608C0G1H470J080AA	Volume Production	Mouser	810-C1608C0G1H470J	0.77938	0.77938
	10u	1206 SMD Capacitor	C3	1	TDK	C3216X5R1H106K160AB	Volume Production	Mouser	810-C3216X5R1H106K	5.77	5.77
	100n	0805 SMD Capacitor	C4	1	KEMET	C0805C104M5RACTU	Volume Production	Mouser	80-C0805C104M5R	0.77938	0.77938
	33n	0603 SMD Capacitor	C5	1	Murata	GCD188R71E333KA01D	Volume Production	Mouser	81-GCD188R71E333KA1D	1.25	1.25
	47u	1210 SMD Capacitor	C6	1	Murata	GRM32EC81C476KE15L	Volume Production	Mouser	81-GRM32EC81C476KE5L	3.59	3.59
	15u	15µH Shielded Wirewound Inductor 5.03A 24.7mOhm Nonstandard	L	1	Eaton Cooper	DR127-150-R	Volume Production	Mouser	704-DR127-150-R	9.98	9.98
	68k	0603 SMD Resistor	R1	1	Vishay	CRCW060368K0FKEAHP	Volume Production	Mouser	71-CRCW060368K0FKEAH	1.17	1.17
	1M	0603 SMD Resistor	R2	1	Vishay Dale	RCS06031M00FKEA	Volume Production	Mouser	71-RCS06031M00FKEA	1.01	1.01
	330k	0603 SMD Resistor	R3	1	TE Connectivity	CRGP0603F330K	Volume Production	Mouser	279-CRGP0603F330K	1.01	1.01
	130k	0603 SMD Resistor	R4	1	Vishay Dale	CRCW0603130KFKEAHP	Volume Production	Mouser	71-CRCW0603130KFKEAH	1.09	1.09
	10k	0603 SMD Resistor	R5, R6	2	Vishay Dale	CRCW060310K0JNEAHP	Volume Production	Mouser	71-CRCW060310K0JNEAH	1.09	2.18