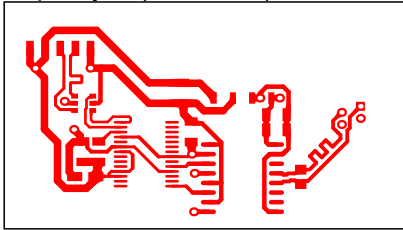
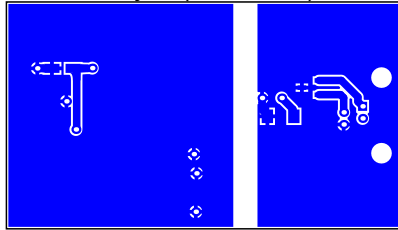


Top Layer (Scale 1:1)



Bottom Layer (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
○	13	0.60mm	Plated	None
□	2	2.20mm	Non-Plated	None
	15 Total			

Bill Of Materials

Designator	Quantity	Value	Description	Manufacturer	Manufacturer_Part_Number	Order_Code_ChipIDip
C1, C4, C6, C7	4	0.1uF	Capacitor ceramic SMT	Murata	GRM319R72A104KA01D	9000697437
C2	1	0.1uF	Polarized Capacitor SMT	TECAP	TECAP0.1/35VA10	1654
C3	1	4.7uF	Polarized Capacitor SMT	TECAP	TECAP4.7/10VA10	6038
C5	1	10uF	Capacitor ceramic SMT	Murata	GRM31CR61E106KA12L	9000122641
C8	1	4.7uF	Capacitor ceramic SMT	Murata	GRM31CR71E475KA88L	9000122604
R1	1	120	Rectangular Thick Film Chip Resistor	Yageo	RC0805FR-07120RL	9000079464
R2	1	330	Rectangular Thick Film Chip Resistor	Yageo	RC0805FR-07330RL	9000079474
TVS1	1	CDSOT23-SM712	Surface Mount TVS Diode	Bourns	CDSOT23-SM712	9000168919
U1	1	FT232RL-Reel	USB UART Asynchronous Serial Data Transfer Chip, SSOP-28, Tape and Reel	FTDI	FT232RL-Reel	201330607
U2	1	B0505S	Isolated DC-DC Converter	Mornsun Power	B0505S-1WR2	9000304516
U3	1	ADM2483	Half-Duplex, Isolated RS-485 Transceiver	STMICROELECTRONICS	ADM2483BRWZ-REEL	9000375326
U4	1	USBLC6-2	Quad Bidir ESD protection	STMICROELECTRONICS	USBLC6-2SC6	9000039051
X1	1	RJ11	RJ-11 Connector, 4-Pin	Connfly	DS1132-S40BPX	9000190984