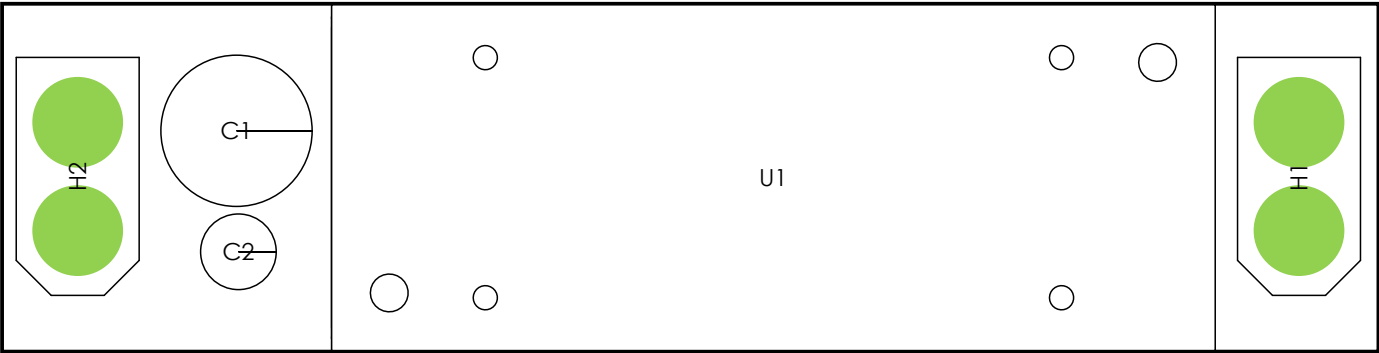
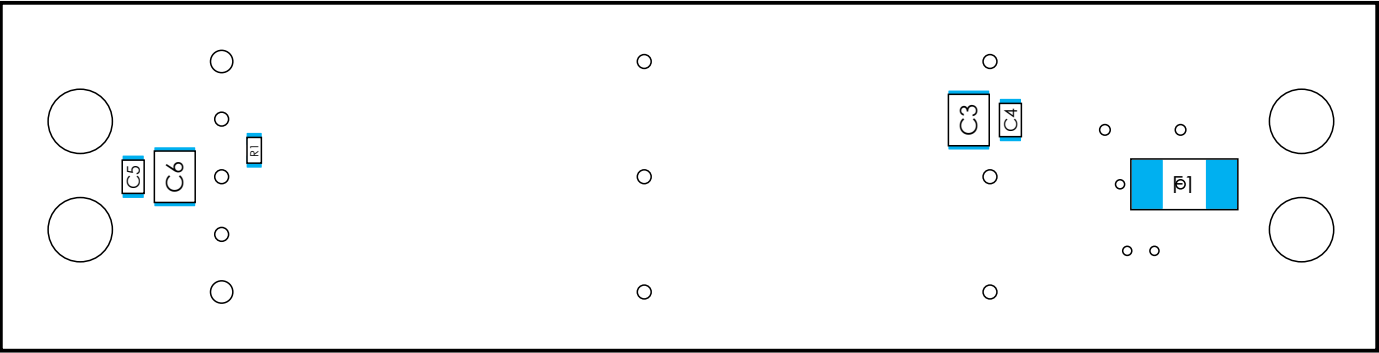


NUC Power Supply Assembly

View from Top side (Scale 2:1)



View from Bottom side (Scale 2:1)



Bill of Materials (Top Side)

Item	Designator	Description	Comment	Quantity
1	C1	Cap TH 330uF 50V	330uF	1
2	C2	Cap TH 33uF 50V	33uF	1
6	H1, H2	XT60 Connector Male/Female	XT60	2
8	U1	Isolated Module DC DC Converter 1 Output 12V 10A 9V - 36V Input	UWE-12/10-Q12NB-C	1

Bill of Materials (Bottom Side)

Item	Designator	Description	Comment	Quantity
3	C4, C5	CAP CER 1uF X7R +-10% 50V 0805	1uF	2
4	C3, C6	CAP CER 10UF X7S +-10% 50V 1210	10uF	2
5	F1	FUSE FAST BLOW 20A 65V 2410	20A 65V	1
7	R1	RES 1.0M OHM 1/10W 5% 0603 SMD	1M	1

TH caps are from the ECE store. XT60 connectors are optional.

C3, C4 and R1 are optional. R1 is from the SMD lab.