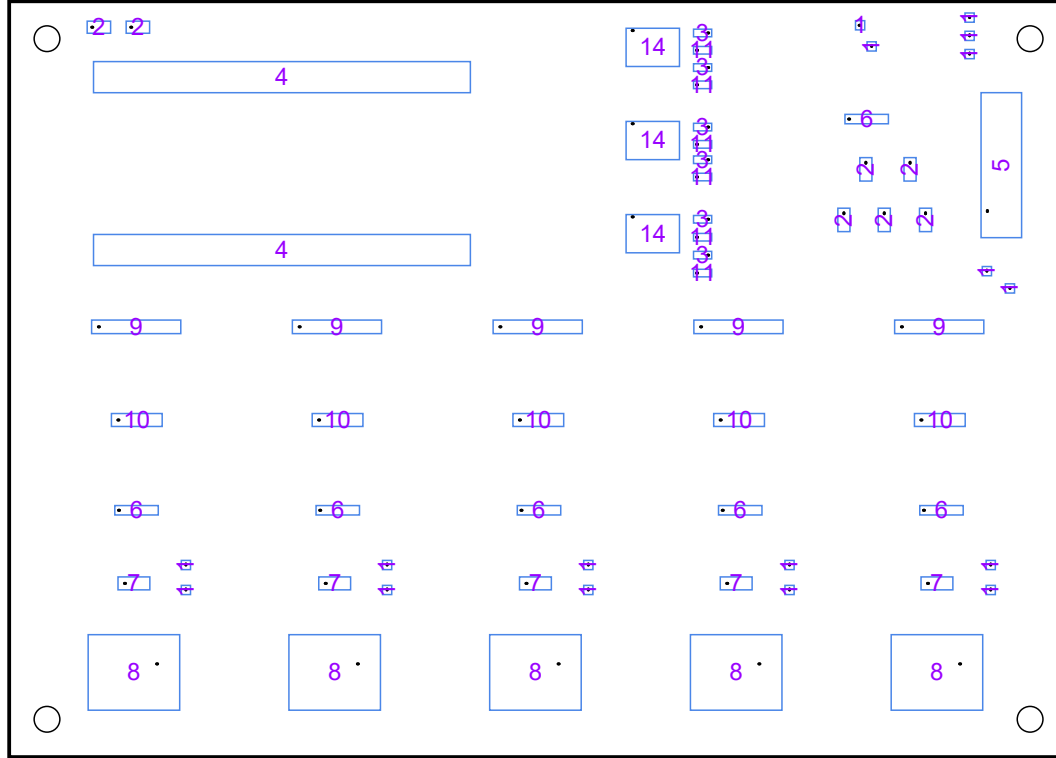


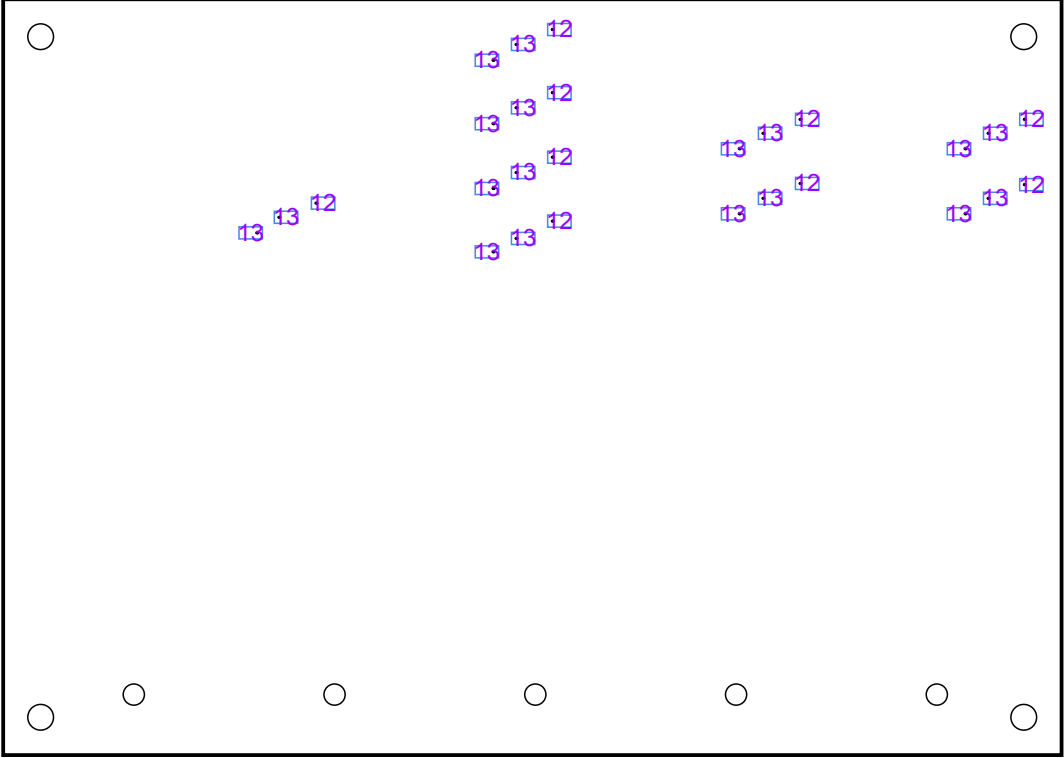
View from Top side (Scale 1:1)



Bill Of Materials

Line #	Designator	Comment	Quantity
1	3V3, 5V, 12V, ENC_A_U_encoder_0, ENC_A_U_encoder_1, ENC_A_U_encoder_2, ENC_A_U_encoder_3, ENC_A_U_encoder_4, ENC_B_U_encoder_0, ENC_B_U_encoder_1, ENC_B_U_encoder_2, ENC_B_U_encoder_3, ENC_B_U_encoder_4, GND, PGND, UART_RX, UART_TX	Test Point (Via)	17
2	C1, C2, C3, C4, C5, C6, C7	0.1uF 25V	7
3	C8_U_isolation_0, C8_U_isolation_1, C8_U_isolation_2, C9_U_isolation_0, C9_U_isolation_1, C9_U_isolation_2	0.10uF	6
4	J1, J9	CN HDR 40POS TH	2
5	J2	8A Molex	1
6	J3, J8_U_encoder_0, J8_U_encoder_1, J8_U_encoder_2, J8_U_encoder_3, J8_U_encoder_4	S4B-ZR(LF)(SN)	6
7	J4_U_bob_0, J4_U_bob_1, J4_U_bob_2, J4_U_bob_3, J4_U_bob_4	CN HDR 2POS JST XH	5
8	J5_U_bob_0, J5_U_bob_1, J5_U_bob_2, J5_U_bob_3, J5_U_bob_4	CN HDR 6POS Molex 43045-0622 (R)	5
9	J6_U_bob_0, J6_U_bob_1, J6_U_bob_2, J6_U_bob_3, J6_U_bob_4	CN HDR 5POS JST XH	5
10	J7_U_bob_0, J7_U_bob_1, J7_U_bob_2, J7_U_bob_3, J7_U_bob_4	B3B-XH-A(LF)(SN)	5
11	R1_U_isolation_0, R1_U_isolation_1, R1_U_isolation_2, R2_U_isolation_0, R2_U_isolation_1, R2_U_isolation_2	4.7k	6
12	R12_U_low-pass-filter_0, R12_U_low-pass-filter_1, R12_U_low-pass-filter_2, R12_U_low-pass-filter_3, R12_U_low-pass-filter_4, R12_U_low-pass-filter_5, R12_U_low-pass-filter_6, R12_U_low-pass-filter_7, R12_U_low-pass-filter_8	22	9

View from Bottom side (Scale 1:1)



Bill Of Materials

Line #	Designator	Comment	Quantity
13	R13_U_low-pass-filter_0, R13_U_low-pass-filter_1, R13_U_low-pass-filter_2, R13_U_low-pass-filter_3, R13_U_low-pass-filter_4, R13_U_low-pass-filter_5, R13_U_low-pass-filter_6, R13_U_low-pass-filter_7, R13_U_low-pass-filter_8, R14_U_low-pass-filter_0, R14_U_low-pass-filter_1, R14_U_low-pass-filter_2, R14_U_low-pass-filter_3, R14_U_low-pass-filter_4, R14_U_low-pass-filter_5, R14_U_low-pass-filter_6, R14_U_low-pass-filter_7, R14_U_low-pass-filter_8	JUMPER	18
14	U1_U_isolation_0, U1_U_isolation_1, U1_U_isolation_2	ADUM141D1BRQZ	3