





## Bill Of Materials

Item	Designator	Comment	Quantity
1	1, 4, 3, 2	Lamel	4
2	5V, 3V3, 12V, GND	TestPoint	4
3	C11	10uF	1
4	C14	100uF x 35V	1
5	C15	0.22uF	1
6	C2, C16	1uF	2
7	C17	68uF x 16V	1
8	C18	100uF x 10V	1
9	C19	4.7nF	1
10	C4, C6, C24, C25	22pF	4
11	C1, C3, C5, C8-C10, C12, C13, C20-C23	0.1uF	12
12	D2	1N4148WC	1
13	D3	10MQ040(60)	1
14	D1, D4	BL-HUE33-AV	2
15	D5	US-1G	1
16	F1	1206L050	1
17	F2	1206L200	1
18	J1	PLS-2	1
19	J2	PLS-4	1
20	J3	CUI UJ2-MIBH2-4-SMT-TR	1
21	J4	CWF-4	1
22	JP1	PLS-2R	1
23	L1, L3	BLM18PG471SN1D	2
24	L2	CDRH74	1
25	Q1	IRLML2402	1
26	R11	5K6F	1
27	R3, R12	1K	2
28	R13	3K32F	1
29	R1, R2, R14	10K	3
30	R15	120R	1
31	R5, R6	4K7	2
32	R4, R7, R10	0R	3
33	R8, R9	.15RF	2
34	U1	SAMD21G18A-AUT	1
35	U2	TC1047	1
36	U3	AS5600	1
37	U4	A4954	1
38	U5	LM2594M-ADJ	1
39	U6	SN65HVD230D	1
40	U7	MCP2515	1
41	Y1	NX3215SA-32.768K-STD-MUA-8	1
42	Y2	KX-K 16 MHZ	1