





Bill Of Materials

Item	Designator	Comment	Quantity
1	2B, 1A, 1B, 2A	Lamel	4
2	3V3, Vin, GND	TestPoint	3
3	C10	10uF	1
4	C11	100uF x 35V	1
5	C12	0.22uF	1
6	C14	68uF x 16V	1
7	C15	100uF x 10V	1
8	C16	4.7nF	1
9	C2, C13	1uF	2
10	C4, C6, C21, C22	22pF	4
11	C1, C3, C5, C7-C9, C17-C20	0.1uF	10
12	D1	KP-3216	1
13	D3	10MQ040(60)	1
14	D4, D5	CG0603MLC-05E	2
15	D6	US-1G	1
16	D2, D7	1N4148WC	2
17	F1	1206L050	1
18	F2	1206L200	1
19	J1	PLS-2	1
20	J2	PLS-5	1
21	J3	CUI UJ2-MIBH2-4-SMT-TR	1
22	J4	CWF-4	1
23	JP1	PLS-2R	1
24	L1, L3	BLM18PG471SN1D	2
25	L2	CDRH74NP-101MC-B	1
26	Q1	IRLML6402	1
27	R10	3K32F	1
28	R1, R2, R11	10K	3
29	R12	120R	1
30	R3	62	1
31	R4	0R	1
32	R5, R6	4K7	2
33	R7, R8	.15RF	2
34	R9	5K6F	1
35	U1	SAMD21G18A-AUT	1
36	U2	TC1047	1
37	U3	AS5600	1
38	U4	A4954	1
39	U5	LM2594M-ADJ	1
40	U6	SN65HVD230D	1
41	U7	MCP2515	1
42	Y1	NX3215SA-32.768K-STD-MUA-8	1
43	Y2	KX-K 16 MHZ	1