

Name	SolderDuino	Data	09/06/2020		
Version	1.0	Description	Soldering Station		
Item	QTY	Part Reference	Value	Description	Package
1	3	R24, R15, R22	0	1% 1/8W	R0805
2	1	R12	0,02	0,5% 2W	R2512
3	1	R19	100k	1% 1/8W	R0805
4	7	C2, C6, C7, C8, C9, C12, C18	100nF	X7R 50V 10%	C0805
5	7	R2, R3, R5, R6, R7, R8, R23	10k	1% 1/8W	R0805
6	2	C4, C5	10nF	X7R 100V 10%	C0805
7	2	R26, R30	150	1% 1/8W	R0805
8	1	R16	1M	1% 1/8W	R0805
9	3	R4, R9, R11	1k	1% 1/8W	R0805
10	3	C11, C13, C21	1nF	X7R 100V 10%	C0805
11	3	C1, C3, C17	220pF	X7R 50V 10%	C0805
12	1	R20	2k	1% 1/8W	R0805
13	1	R10	4,7k	1% 1/8W	R0805
14	1	R13	49,9k	1% 1/8W	R0805
15	1	R17	5,6k	1% 1/8W	R0805
16	1	R18	560	1% 1/8W	R0805
17	1	R1	82k	1% 1/8W	R0805
18	1	ENC1	EC12E2424407	Encoder ALPS ALPINE	THT
19	2	Q1, Q3	BC847CLT1G	NPN 100mA 50V	SOT23
20	1	Q2	BC857CLT1G	PNP 100mA 50V	SOT23
21	1	CN1	CTBP5000/2	5mm screw terminal blocks	THT
22	1	CN2	CTBP5000/3	5mm screw terminal blocks	THT
23	1	Q4	FDD6685	PMOS 30V 40A	TO-252
24	1	IC1	HILETGO0,96OLED	OLED DISPLAY	THT
25	1	IC2	INA138NA	Current & Power Monitors	SOT23-5
26	1	IC7	L7805ACD2T	LDO 5V 1A	D2PAK
27	1	LD1	150080RS75000	Led Red	0805
28	1	LD2	150080VS75000	Led Green	0805
29	2	D1, D2	MBRS540T3G	Schottky 5A 40V	SMC
30	1	NTC1	10k	NTC 5%	R0805
31	1	IC4	OA1ZHA22C	OPAMP	SC70-5
NOT MOUNT					
32	4	R29, R25, R14, R21	0	1% 1/8W	R0805
33	2	R27, R28	2k	1% 1/8W	R0805
34	2	C10, C14	100nF	X7R 50V 10%	C0805
35	2	C19, C20	1nF	X7R 100V 10%	C0805
36	2	IC3, IC5	OA1ZHA22C	OPAMP	SC70-5
37	1	C15	2,2uF	50V Electrolytic	D=4mm
38	1	C16	100nF	X7R 50V 10%	C1206