

Id	Designator	Footprint	Quantity	Designation	Supplier and ref	FIELD7	FIELD8
1	C56,C11,C15	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	3	0.1uF			
2	K16,K9,K8,K18,K12,K14,K7,K6,K5,K2,K10,K13,K3,K15,K17,K4,K11,K1	Kailh_socket_MX_optional_reversible_platemount	18	KEYSW			
3	FB1	L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	1	60R@100Mhz			
4	R10,R17,R15	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	3	1K			
5	TP16	TestPoint_Pad_D1.0mm	1	29			
6	C51,C42,C41,C43,C40,C19,C39,C20,C54,C44,C45,C52,C35,C48,C53,C47,C50,C46,C49,C55,C38	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	21	100nF			
7	J1,J5	USB_C_Receptacle_GCT_USB4125-xx-x-0190_6P_TopMnt_Horizontal	2	SIDE_CON			
8	D17,D18,D25,D8,D36,D29,D31,D9,D38,D10,D24,D19,D30,D23,D13,D37,D12,D11	LED_WS2812B-2020_PLCC4_2.0x2.0mm	18	WS2812B			
9	C3,C1	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	2	4.7uF			
10	FID9,FID2,FID3,FID6,FID7,FID5,FID1,FID8,FID4	Fiducial_1mm_Mask3mm	9	Fiducial			
11	D26,D33,D2,D21,D34,D14,D7,D1,D20,D15,D5,D27,D3,D16,D35,D22,D28,D6	D_SOD123_axial-dual	18	1N4148			
12	H2,H1,H5,H3,H4,H7,H6	MountingHole_3.2mm_M3_DIN965_Pad	7	MountingHole_Pad			
13	TP5	TestPoint_Pad_D1.0mm	1	4			
14	R4,R3	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	2	5K1			
15	C18,C8	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	2	12pF			
16	TP17	TestPoint_Pad_D1.0mm	1	30			
17	R11	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	1	1k			
18	TP9	TestPoint_Pad_D1.0mm	1	22			
19	R12,R5	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	2	100k			
20	AE1	Texas_SWRA117D_2.4GHz_Left	1	2.4GHz			
21	C2	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	1	10uF/5V			
22	TP13	TestPoint_Pad_D1.0mm	1	26			
23	R1,R2	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	2	4K7			
24	TP11	TestPoint_Pad_D1.0mm	1	24			
25	P1	USB_C_Receptacle_GCT_USB4105-xx-A_16P_TopMnt_Horizontal	1	USB_C_Plug_USB2.0			
26	TP3	TestPoint_Pad_D1.0mm	1	2			
27	C21	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	1	0.8pF			
28	R14	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	1	1.13k			
29	U7	QFN-48-1EP_6x6mm_P0.4mm_EP4.6x4.6mm	1	nRF52832-QFxx			
30	TP15	TestPoint_Pad_D1.0mm	1	28			
31	Y1	Crystal_SMD_2016-4Pin_2.0x1.6mm	1	32MHz_CF4032M00020001			
32	U5	VQFN-16-1EP_3x3mm_P0.5mm_EP1.6x1.6mm	1	BQ24075RGT_DPPM			
33	C36	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	1	100nF/NC			
34	Q2	SOT-23	1	PJA3405_(G1,D3,S2)			
35	D4	LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	green			
36	TP18	TestPoint_Pad_D1.0mm	1	31			
37	C37	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	1	1uF			
38	TP4	TestPoint_Pad_D1.0mm	1	3			
39	R6	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	1	46.4K			
40	TP8	TestPoint_Pad_D1.0mm	1	20			
41	TP2	TestPoint_Pad_D1.0mm	1	1			

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42	TP1	TestPoint_Pad_D1.0mm	1	0			
43	TP6	TestPoint_Pad_D1.0mm	1	5			
44	SW3	SW_SPDT_PCM12	1	PWR_SWITCH			
45	TP12	TestPoint_Pad_D1.0mm	1	25			
46	R7	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	1	1.18k			
47	TP10	TestPoint_Pad_D1.0mm	1	23			
48	D32	LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder	1	red			
49	Q1	SOT-23	1	PJA3404_(G1,D3,S2)			
50	TP7	TestPoint_Pad_D1.0mm	1	19			
51	L3	L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	1	3.9nH			
52	J3	PinHeader_1x04_P2.54mm_Vertical	1	0.91 OLED			
53	TP14	TestPoint_Pad_D1.0mm	1	27			
54	SW4	SW_SPDT_PCM12	1	5V_EN			
55	J2	PinHeader_1x04_P2.54mm_Horizontal	1	SWD_JLINK			
56	C17,C13,C14,C12,C16,C4	C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	6	10uF			
57	U4	SOIC-16_3.9x9.9mm_P1.27mm	1	CH340C			
58	SW1	SW_Push_1P1T_NO_6x6mm_H9.5mm	1	RST			
59	U6	Texas_DRC0010J_ThermalVias	1	TPS63002_SEPIC_5V			
60	L1,L2	L_0603_1608Metric_Pad1.05x0.95mm_HandSolder	2	22uH			
61	R16,R13	R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	2	100			
62	J4	PinHeader_1x02_P2.54mm_Horizontal	1	BatCon			
63	U8	SSOP-28_5.3x10.2mm_P0.65mm	1	MCP23017_SS			
64	U9	Texas_DRC0010J_ThermalVias	1	TPS63001_SEPIC_3V3			
65	U10	DFN-8-1EP_2x2mm_P0.5mm_EP0.8x1.6mm	1	MAX17048			