

Name	Value	Part Type	PCB Decal	Pins	Layer Name	Orient.	Position X	Position Y	SMD
C1	10NF	C1005	C1005	2	Top	180	13.8	33.6	Yes
C2	2.2UF	C1005	C1005	2	Top	270	15	34	Yes
C3	2.2UF	C1005	C1005	2	Bottom	0	3.7	31.5	Yes
C4	100NF	C1005	C1005	2	Top	180	15.4	29.2	Yes
C6	10NF	C1005	C1005	2	Bottom	180	3.7	30.5	Yes
C7	4.7UF	C1608	C1608	2	Top	180	12	26.6	Yes
C8	15PF	C1005	C1005	2	Bottom	0	14.3	34.8	Yes
C9	2.2UF	C1005	C1005	2	Bottom	180	11.3	24	Yes
C10	10NF	C1005	C1005	2	Bottom	90	7.1	30.8	Yes
C11	10NF	C1005	C1005	2	Bottom	270	15.9	27.8	Yes
C12	10NF	C1005	C1005	2	Bottom	270	12.7	25.4	Yes
C13	6.8PF	C1005	C1005	2	Bottom	90	15.7	34.4	Yes
C14	18PF	C1005	C1005	2	Bottom	270	15.7	32.8	Yes
C15	15PF	C1005	C1005	2	Bottom	90	13.9	36	Yes
C16	4.7UF	C1608	C1608	2	Top	90	7.3	23.8	Yes
C17	2.2UF	C1005	C1005	2	Bottom	0	2.5	14.6	Yes
C18	100NF	C1005	C1005	2	Bottom	0	2.5	13.6	Yes
C19	4.7UF	C1608	C1608	2	Bottom	90	6.1	30.1	Yes
C20	4.7UF	C1608	C1608	2	Bottom	0	13.6	20.3	Yes
C21	100NF	C1005	C1005	2	Bottom	180	11.5	20.3	Yes
C22	220NF	C1005	C1005	2	Top	0	2.5	30	Yes
C23	47NF	C1005	C1005	2	Bottom	90	7.1	35.9	Yes
C24	22NF	C1005	C1005	2	Bottom	180	16.3	31.2	Yes
C25	4.7UF	C1608	C1608	2	Bottom	180	16.3	20.3	Yes
C26	100NF	C1005	C1005	2	Bottom	90	18.1	20.1	Yes
C27	100NF	C1005	C1005	2	Bottom	0	5.5	36.6	Yes
C28	100NF	C1005	C1005	2	Bottom	180	3.7	34.8	Yes
C29	100NF	C1005	C1005	2	Top	180	6.5	35.2	Yes
C30	4.7UF	C1608	C1608	2	Bottom	90	15.6	22.5	Yes
C31	15PF	C1005	C1005	2	Top	180	6.5	36.2	Yes
C32	100NF	C1005	C1005	2	Top	180	6.5	34.2	Yes
C33	2.2UF	C1005	C1005	2	Top	270	14.5	23.6	Yes

C34	15PF	C1005	C1005	2	Top	180	6.5	33.2	Yes
C35	4.7UF	C1608	C1608	2	Top	180	16	21.9	Yes
C36	15PF	C1005	C1005	2	Top	180	4.7	33.2	Yes
C37	100NF	C1005	C1005	2	Bottom	180	3.7	33.6	Yes
C38	100NF	C1005	C1005	2	Bottom	180	3.7	32.6	Yes
C39	4.7UF	C1608	C1608	2	Bottom	270	18	16.5	Yes
C40	100NF	C1005	C1005	2	Top	0	9.1	31.4	Yes
C41	4.7UF	C1608	C1608	2	Top	90	8.3	29.6	Yes
C42	4.7UF	C1608	C1608	2	Top	180	11.5	31.4	Yes
C43	100NF	C1005	C1005	2	Top	180	13.4	29.4	Yes
C44	2.2UF	C1005	C1005	2	Top	90	7.5	13.3	Yes
D1	AVLC5S02050	R1005	R1005	2	Top	90	13.5	22.4	Yes
D2	AVLC5S02050	R1005	R1005	2	Bottom	0	18.4	29	Yes
D3	AVLC5S02050	R1005	R1005	2	Bottom	0	18.4	29.8	Yes
D4	AVLC5S02050	R1005	R1005	2	Bottom	0	18.4	30.6	Yes
D5	AVLC5S02050	R1005	R1005	2	Bottom	0	18.4	31.4	Yes
D6	AVLC5S02050	R1005	R1005	2	Top	180	11.9	13.7	Yes
D7	AVLC5S02050	R1005	R1005	2	Top	180	13.8	32.6	Yes
D8	AVLC5S02050	R1005	R1005	2	Bottom	270	7.4	23.1	Yes
D9	AVLC5S02050	R1005	R1005	2	Bottom	90	7.4	21.5	Yes
D11	AVLC5S02050	R1005	R1005	2	Bottom	270	11.5	10.15	Yes
D12	AVLC5S02050	R1005	R1005	2	Bottom	270	14.5	10.15	Yes
D13	AVLC5S02050	R1005	R1005	2	Top	270	5.3	10.4	Yes
D14	AVLC5S02050	R1005	R1005	2	Top	270	7.3	10.4	Yes
D15	AVLC5S02050	R1005	R1005	2	Top	270	3.3	10.4	Yes
D16	AVLC5S02050	R1005	R1005	2	Top	270	13.7	10.4	Yes
D17	AVLC5S02050	R1005	R1005	2	Top	270	15.7	10.4	Yes
D18	NSR0230M2T5G	SOD-723	SOD-723	2	Top	90	7.3	21.2	Yes
D19	NSR0230M2T5G	SOD-723	SOD-723	2	Bottom	180	7.4	18.8	Yes
D20	AVLC5S02050	R1005	R1005	2	Bottom	270	8.5	10.15	Yes
D21	AVLC5S02050	R1005	R1005	2	Bottom	270	5.5	10.15	Yes
E2	PCB	TP	TPA	1	Bottom	180	9.575	43.35	No
E3	PCB	TP	TPA	1	Bottom	180	13.975	43.35	No

FL1	DBF81F104	DBF81F104_OPEN	DBF81F104_OPEN	8	Bottom	180	12	35.2	Yes
L1	22UH	L2518	L2518	2	Top	0	8.9	26.9	Yes
L2	15NH	L1005	L1005	2	Bottom	270	14.7	36	Yes
L3	15NH	L1005	L1005	2	Top	180	4.7	35.2	Yes
L4	15NH	L1005	L1005	2	Top	180	4.7	34.2	Yes
L5	12NH	L1005	L1005	2	Top	0	7.5	39	Yes
L6	12NH	L1005	L1005	2	Top	0	7.5	38.2	Yes
L7	12NH	L1005	L1005	2	Top	0	7.5	39.8	Yes
L8	12NH	L1005	L1005	2	Top	180	7.5	37.4	Yes
LED4	BW-391RCGB-CT	LED-R6GHBHC-A07	LED-R6GHBHC-A07	4	Top	0	10.4	40.15	Yes
P1	HSMU-5SB-24D2	HSMU-5SB-24DPC	HSMU-5SB-24DPC	11	Bottom	90	0.1	22.625	No
Q1	2N7002DW	2N7002DW	2N7002DW	6	Top	0	4.6	30.6	Yes
R1	2.2K	R1005	R1005	2	Top	0	17	29.2	Yes
R2	2.2K	R1005	R1005	2	Top	90	14.7	30.9	Yes
R3	2.2	R1005	R1005	2	Top	0	13.8	34.4	Yes
R4	2.2	R1005	R1005	2	Bottom	90	5.1	31.1	Yes
R6	10K	R1005	R1005	2	Top	270	13.5	24.2	Yes
R7	2.2	R1005	R1005	2	Bottom	90	10.9	25.4	Yes
R8	330	R1005	R1005	2	Top	90	6.3	31	Yes
R9	100	R1005	R1005	2	Top	180	7.5	31.4	Yes
R10	330	R1005	R1005	2	Top	180	2.5	31.6	Yes
R23	33	R1005	R1005	2	Bottom	180	8.9	21.9	Yes
R24	33	R1005	R1005	2	Bottom	180	8.9	22.7	Yes
R25	100K	R1005	R1005	2	Bottom	90	17.8	12.5	Yes
R26	100K	R1005	R1005	2	Bottom	90	7.8	13.1	Yes
R27	100K	R1005	R1005	2	Bottom	180	18.2	13.7	Yes
R29	100K	R1005	R1005	2	Bottom	0	18.2	14.7	Yes
R30	100K	R1005	R1005	2	Bottom	180	8.2	14.5	Yes
R31	2.2K	R1005	R1005	2	Bottom	180	9.2	18.8	Yes
R32	2.2K	R1005	R1005	2	Bottom	270	8.6	17.3	Yes
R33	4.7	R1005	R1005	2	Bottom	180	5.5	35.8	Yes
R34	220K	R1005	R1005	2	Top	180	2.5	30.8	Yes
R35	4.7	R1005	R1005	2	Bottom	180	5.5	34.8	Yes

R36	100K	R1005	R1005	2	Bottom	180	17.2	24.7	Yes
R37	1K	R1005	R1005	2	Top	0	4.7	36.2	Yes
R38	4.7	R1005	R1005	2	Bottom	180	5.5	33.6	Yes
R39	4.7	R1005	R1005	2	Bottom	180	5.5	32.6	Yes
R40	1K	R1005	R1005	2	Top	270	3.3	33.8	Yes
R41	220K	R1005	R1005	2	Top	180	16.4	26.1	Yes
R42	100K	R1005	R1005	2	Bottom	180	16.3	29.2	Yes
R43	100K	R1005	R1005	2	Bottom	0	13.6	11.75	Yes
R44	NC	R1005	R1005	2	Bottom	270	8.6	15.7	Yes
R46	100K	R1005	R1005	2	Top	180	4.3	16	Yes
R47	100K	R1005	R1005	2	Top	0	12.9	28.4	Yes
R48	2.2K	R1005	R1005	2	Top	90	13.7	35.6	Yes
R49	2.2K	R1005	R1005	2	Top	0	8.9	13.7	Yes
SW1	ST-1177	SW-ST-1177	SW-ST-1177	6	Top	270	10.4	22.625	Yes
SW2	ST-1177	SW-ST-1177	SW-ST-1177	6	Top	180	10.4	34.925	Yes
SW3	ST-1177	SW-ST-1177	SW-ST-1177	6	Top	270	10.4	10.225	Yes
U1	MA000903076	CP20C-MA000903076	CP20C-MA000903076	8	Top	180	16.9	31.2	Yes
U2	BC57G687C-GITM-E4	BGA120-0.5	BGA120-0.5	120	Bottom	270	11.3	30.2	Yes
U3	AP2280-1WG-7	SOT23-5P	SOT23-5P	5	Bottom	90	5.3	13.6	Yes
U4	QFN28-0.65-P	QFN28-0.65-P	QFN28-0.65-P	29	Bottom	0	13.4	15.7	Yes
U5	XC6221B332NR	SSOT-24	SSOT-24	4	Bottom	180	17.4	22.6	Yes
U6	XC6221B272NR	SSOT-24	SSOT-24	4	Top	180	16.1	24.1	Yes
U7	XC6221B332NR	SSOT-24	SSOT-24	4	Top	90	10.5	29.6	Yes
U8	XC6221B332NR	SSOT-24	SSOT-24	4	Top	270	5.6	14.3	Yes
Y1	26MHZ	XTAL-3225	XTAL-3225	4	Bottom	0	17.9	33.8	Yes
Z1	100PF	C1005	C1005	2	Bottom	270	9.9	36.1	Yes
Z2	NC	C1005	C1005	2	Bottom	180	8.7	36.5	Yes
Z3	1NH	C1005	C1005	2	Bottom	180	8.7	35.7	Yes