

Item	Qty	Reference	Value	Voltage	PCB Footprint	Manufacturer Part Number	TC	Manufacturer
1	1	C1	47pF	50V	603	06035C470JAT2A	X7R	AVX
2	1	C2	1uF	10V	603	GRM188R71A105KA61D	X7R	Murata
3	1	C3	4.7uF	10V	612	GRM31CR71A475KA01L	X7R	Murata
4	1	C4	22nF	10V	603	885012206016	X7R	Wurth
5	3	C5,C10,C16	0.47uF	100V	805	GRM21BR72A474KA73L	X7R	Murata
6	2	C6,C9	100nF	25V	603	GRM188R71E104KA01D	X7R	Murata
7	1	C7	1.8nF	50V	603	GRM188R71H221KA01D	X7R	Murata
8	1	C8	3.3nF	50V	603	GRM188R71H682KA01D	X7R	Murata
9	1	C11	Open	100-200V	805		X7R	
10	4	C12,C13,C14, C15	10uF	100V	2220	22201C106MAT2A	X7R	AVX
11	1	C17	10nF	100V	603	C1608X7R2A103K080AA	X7R	TDK
12	10	C18,C19,C20, C21,C22,C23, C24,C25,C26, C27	10uF	50V	1210	UMK325AB7106KM-T	X7R	Taiyo Yuden
13	1	C28	Open	35V	0.406"L x 0.406"W	35SVPF120M	X7R	Panasonic
14	1	JP1	VIN_EN		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
15	1	JP2	CCM/S		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
16	1	JP3	CCM/M		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
17	1	JP4	V2		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
18	1	JP5	V3		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
19	1	JP6	V4		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
20	1	JP7	DCM/S		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
21	1	JP8	DCM/M		0.1"(LS) x 2x0.04"Hole	87224-2		TE Connectivity
22	1	J1	VIN		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
23	1	J2	VIN_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
24	1	J3	EXTB		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
25	1	J4	EXTB_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
26	1	J5	PVCC		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
27	1	J6	PVCC_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
28	1	J7	VCC		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
29	1	J8	VCC_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
30	1	J9	EN		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.

31	1	J10	EN_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
32	1	J11	SYN		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
33	1	J12	SYN_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
34	1	J13	PG		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
35	1	J14	PG_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
36	1	J15	MODE		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
37	1	J16	MODE_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
38	1	J17	VO		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
39	1	J18	VO_GND		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
40	1	J19	Loop-		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
41	1	J20	Loop+		0.043"pin	3103-2-00-21-00-00-08-0		Mill-Max Manufacturing Corp.
42	1	J21	VIN+		DIA_5P8mm	575-4		Keystone
43	1	J22	VO+		DIA_5P8mm	575-4		Keystone
44	1	J23	VIN-		DIA_5P8mm	575-4		Keystone
45	1	J24	VO-		DIA_5P8mm	575-4		Keystone
46	1	L1	22uH		0.867"x0.748"	PA4343.223NLT		Pulse
47	1	R1	825k		603	RC0603FR-07825KL		Yageo
48	1	R2	51.1k		603	RC0603FR-0751K1L		Yageo
49	1	R3	37.5k		603	RC0603FR-0737K4L	<1%	Yageo
50	2	R4,R8	Open		603			
51	3	R5,R7,R21	1		603	RC0603FR-071RL		Yageo
52	3	R6,R16,R23	100k		603	RC0603FR-07100KL		Yageo
53	1	R9	680		603	RC0603FR-07680RL		Yageo
54	1	R10	6.8		603	RC0603FR-076R81L	<1%	Yageo
55	1	R11	40k		603	TNPW060340K0BEEA	<100ppm	Vishay
56	1	R12	20k		603	RC0603FR-0720KL	<1%	Yageo
57	1	R13	2		603	AC0603FR-072RL		Yageo
58	1	R14	280		603	RC0603FR-07280RL		Yageo
59	2	R15,R22	1k		603	RC0603FR-071KL		Yageo
60	1	R17	931		603	RC0603FR-07931RL	<1%	Yageo
61	1	R18	3.32k		603	RC0603FR-073K32L	<1%	Yageo
62	1	R19	825		603	RC0603FR-07825RL	<1%	Yageo
63	1	R20	698		603	RT0603BRD07690RL	<1%	Yageo
64	1	R24	Open		805		0.5W	
65	1	R25	10		603	RC0603FR-0710RL		Yageo

66	1	TP1	HVBIAS		0.8mm-Hole			
67	1	TP2	HVBIAS_GND		0.8mm-Hole			
68	1	TP3	BOOT		0.8mm-Hole			
69	1	TP4	PH		0.8mm-Hole			
70	1	TP5	B/P_GND		0.8mm-Hole			
71	1	TP6	VCC		0.8mm-Hole			
72	1	TP7	VCC_GND		0.8mm-Hole			
73	1	TP8	SS		0.8mm-Hole			
74	1	TP9	SS_GND		0.8mm-Hole			
75	1	TP10	COMP		0.8mm-Hole			
76	1	TP11	COMP_GND		0.8mm-Hole			
77	1	TP12	FB		0.8mm-Hole			
78	1	TP13	FB_GND		0.8mm-Hole			
79	1	TP14	LG		0.8mm-Hole			
80	1	TP15	LG_GND		0.8mm-Hole			
81	1	TP16	SW		0.8mm-Hole			
82	1	TP17	SW_GND		0.8mm-Hole			
83	1	U1	FAN65004C	65V	MLP6x6	FAN65		ON Semiconductor