

42	1	NTC1	NTC Thermistor	10k			1%	R0603	muRata	NCP18XH103F03RB or Equivalent	
43	6	Q1,Q2,Q3,Q4,Q5,Q6	N-channel 100 V, 14.5 mohm typ., 12 A, STripFET F7 DeepGATE Power MOSFET	STL60N10F7	100 V			PowerFLAT8-5x6_8pin	STMicroelectronics	STL60N10F7 or equivalent	
44	2	R1,R27	SMT resistor	4.7k		0.064W	1%	R0402			
45	7	R2,R15,R16,R22,R23,R28,R29	SMT resistor	1.5k		0.064W	1%	R0402			
46	1	R3	SMT resistor	0		0.1W	5%	R0603			
47	1	R4	SMT resistor	22k		0.064W	1%	R0402			
48	1	R5	SMT resistor	10k		0.064W	1%	R0402			
49	6	R6,R7,R9,R10,R12,R13	SMT resistor	100		0.1W	5%	R0603			
50	3	R8,R11,R14	SMT resistor	20m		1W	1%	R1206	Bourns	CRF1206-FZ-R020ELF or equivalent	
51	6	R17,R18,R24,R25,R30,R31	SMT resistor	30k		0.064W	1%	R0402			
52	3	R19,R26,R32	SMT resistor	15k		0.064W	1%	R0402			
53	1	R20	SMT resistor	72.3k		0.064W	1%	R0402			
54	1	R21	SMT resistor	3.01k		0.064W	1%	R0402			
55	2	R33,R34	SMT resistor	4.7k		0.064W	5%	R0402			
56	16	R35,R36,R37,R38,R39,R40,R41,R42,R43,R44,R45,R46,R47,R48,R57,R64	SMT resistor	200		0.064W	5%	R0402			
57	1	R49	SMT resistor	10k		0.064W	5%	R0402			N.M.
58	1	R50	SMT resistor	120		0.064W	5%	R0402			N.M.
59	2	R51,R63	SMT resistor	100k		0.064W	5%	R0402			
60	6	R52,R53,R55,R58,R59,R60	SMT resistor	10k		0.064W	5%	R0402			
61	1	R54	SMT resistor	120		0.064W	5%	R0402			
62	1	R56	SMT resistor	330		0.064W	5%	R0402			
63	3	R61,R62,R66	SMT resistor			0.064W	5%	R0402			N.M.
64	1	R65	SMT resistor	10k		0.5W	5%	R0805			
65	2	SB1,SB3	SMT resistor	0		0.1W	5%	J0603			
66	3	SB2,SB4,SB5	SMT resistor	0		0.1W	5%	J0603			N.M.
67	4	SP1,SP2,SP3,SP4	Nylon spacer for 3.2mm hole size, 1.6mm PCB thickness, length 14.3 mm	701514000					WURTH ELEKTRONIK	701514000 or equivalent	kit component
68	2	SW1,SW2	WS-TASU SMT Tact Switch	434351045816				WS-TASU_4343x10458xx	WURTH ELEKTRONIK	434351045816 or equivalent	
69	1	TP1	40x71 mils SMD PAD	TP-SMD-S1751-46R				TP-S1751	HARWIN	S1751-46R or equivalent	
70	1	TP2	Strip connector 3 pos, 2.54 mm	STRIP 1x3				strip_3v	WURTH ELEKTRONIK	61300311121 or equivalent	N.M.
71	3	TP3,TP4,TP5	Test point - PCB 1.5 mm diameter	TP-SMD-diam1_5mm				tp-1_5			N.M.
72	1	U1	Up to 3 A step-down switching regulator	ST1S14PHR				hsop8_e_4x5	STMicroelectronics	ST1S14PHR	
73	1	U2	3-phase brushless motor controller embedding STM32G4 MCU	STSPIN32G4				qfn64_9x9_e4_1	STMicroelectronics	STSPIN32G4	
74	1	U3	TCAN33x 3.3-V CAN Transceivers with CAN FD (Flexible Data Rate)	TCAN330DCNT				sot23-8_l3	TEXAS INSTRUMENTS	TCAN330DCNT or equivalent	N.M.
75	1	X1	IoT OPTIMIZED LOW PROFILE QUARTZ CRYSTAL	24.000MHZ				xtal_ABM11W_1_6X2	ABRACON	ABM11W-24.000MHZ-7-D1X-T3 or equivalent	

MLCC X7R