

GH9 J5 @-G5 % &J%

Bill of material

Bill of material

Type/Value	Modifier	Part number	Manuf.	Description	Qty	Reference IDs
NM	50V	Generic	Generic	Generic capacitor - 0805	1	C20
NM	50V	Generic	Generic	Generic capacitor - 1206	1	C29
100pF	1KV	Generic	Generic	Generic capacitor - 1206	2	C7, C17
220pF	1KV	Generic	Generic	Generic capacitor - 1206	1	C28
220pF	50V	Generic	Generic	Generic capacitor - 0805	1	C19
560pF	50V	Generic	Generic	Generic capacitor - 1206	1	C22
2.2nF	300Vac Y2	PHE850EA4220M A01R	KEMET	Generic capacitor - P10.0	2	C1, C5
2.2nF	300Vac Y1	Generic	KEMET	Generic capacitor - P10.0	2	C15
2.2nF	50V	Generic	Generic	Generic capacitor - 0805	1	C23
15nF	1KV	B32652A1153J	EPCOS	Generic capacitor - P15.0	2	C4, C27
33nF	50V	Generic	Generic	Generic capacitor - 0805	1	C25
100nF	50V	Generic	Generic	Generic capacitor - 0805	2	C12, C14
100nF	50V	Generic	Generic	Generic capacitor - 1206	1	C16
470nF	275Vac X2	Generic	Generic	Generic capacitor - P15.0	2	C2 C3
470nF	50V	Generic	Generic	Generic capacitor - 0805	1	C21
1µF	50V	Generic	Generic	Generic capacitor - 1206	1	C18
4.7µF	16V	Generic	Generic	Generic capacitor - 0805	1	C26
68µF	35V	Generic	Generic	Generic polarized capacitor -P3.5	1	C24
100µF	35V	Generic	Generic	Generic polarized capacitor -P3.5	1	C13
390µF	400V	Generic	Generic	Generic polarized capacitor -P10.0	1	C6

Bill of material (continued)

Type/Value	Modifier	Part number	Manuf.	Description	Qty	Reference IDs
470µF	35V	Generic	Generic	Generic polarized capacitor -P5.0	4	C8, C9, C10, C11
KBU8M	-	Generic	Generic	Full-wave Bridge rectifier	1	D1
LL4148	-	Generic	Generic	Generic small signal diode - SOD80	5	D2, D4, D6, D8, D10
NM	-	Generic	Generic	Zener diode - SOD123	1	D7
NZH15B-115	15V	NZH15B-115	NXP	Zener diode - SOD123	1	D9
STPS20H100CG	20A - 80V	STPS20H100CG	ST	Dual common-cathode diode	2	D3, D5
STTH108A	1A - 800V	STTH108A	ST	Generic diode	1	D12
2Amps (T)	250Volts	39212000000	LITTLEFUSE	Fuse - P5.08	1	F1
SIP header	2-pin	796949-3	TE AMP	2-pin Single in-line connector - P5.08	1	J2
SIP header	3-pin	282845-3	TE AMP	3-pin Single in-line connector - P7.62	1	J1
22580001	2x 15 mH/ 1.8A	22580001	MAGNETICA	Common mode choke	1	L1
2.2ohms	-	B57237S0229M0	EPCOS	Inrush NTC	1	NTC1
470kohms	0603	B57371V2474	EPCOS	NTC	1	NTC2
BC846A	SOT23-3	BC846A	NXP	NPN Generic	1	Q3
STB13N60M2	11A - 600V	STB13N60M2	ST	N-Channel MOS FET	2	Q1, Q2
0ohms	0.125W	Generic	Generic	Generic resistor	4	R17, R28, R34, R36
NM	0.125W	Generic	Generic	Generic resistor	1	R24
2.2ohms	0.250W	Generic	Generic	Generic resistor	1	R10
10ohms	0.063W	Generic	Generic	Generic resistor	2	R13, R20
10ohms	0.250W	Generic	Generic	Generic resistor	1	R9
27ohms	0.063W	Generic	Generic	Generic resistor	1	R35
47ohms	0.250W	Generic	Generic	Generic resistor	1	R38
56ohms	0.063W	Generic	Generic	Generic resistor	2	R14, R21
1Kohms	0.063W	Generic	Generic	Generic resistor	1	R16
3.3Kohms	0.250W	Generic	Generic	Generic resistor	1	R19
3.9Kohms	0.063W	Generic	Generic	Generic resistor	1	R33
5.6Kohms	0.125W	Generic	Generic	Generic resistor	1	R15
8.2Kohms	0.250W	Generic	Generic	Generic resistor	1	R12

Bill of material (continued)

Type/Value	Modifier	Part number	Manuf.	Description	Qty	Reference IDs
10Kohms	0.063W	Generic	Generic	Generic resistor	4	R3, R11, R22, R32
12kohms	0.125W	Generic	Generic	Generic resistor	1	R18
15Kohms	0.125W	Generic	Generic	Generic resistor	1	R27
22Kohms	0.063W	Generic	Generic	Generic resistor	1	R2
27Kohms	0.125W	Generic	Generic	Generic resistor	1	R8
33Kohms	0.063W	Generic	Generic	Generic resistor	1	R25
56Kohms	0.250W	Generic	Generic	Generic resistor	1	R26
100Kohms	0.250W	Generic	Generic	Generic resistor	2	R4, R7
150Kohms	0.125W	Generic	Generic	Generic resistor	1	R6
180Kohms	0.063W	Generic	Generic	Generic resistor	1	R23
330Kohms	0.125W	Generic	Generic	Generic resistor	1	R29
1.5Mohms	0.250W	Generic	Generic	Generic resistor	2	R1, R5
18600044	520 μ H/80kHz	18600044	MAGNETI CA	Resonant transformer	1	TR1
L6699D	-	L6699D	ST	Resonant PWM Control	1	U5
TCLT1003	-	TCLT1003	Vishay	Optocoupler	1	U3
TSM103W	-	TSM103W	ST	Generic	1	U6
S20K275	275Vac	B72220P3271K10 1	EPCOS	Varistor	1	VR1