Table 3 Bill of Materials (BOM)

Qty.	Designator	Value	Parameters	Manufacturer	Manufacturer order number
1	C1	4.70 µF	V DC:100 V	TDK	CGA8N3X7S2A475K230KB
1	C2	47 µF	V DC:100 V	Panasonic	ECA2AM470
1	D1		Ur:[100 V] If:[2 A]	Diodes Incorporated	B2100-13-F
8	GND, GND1, LED+, LED-, PWMtp, Tadj, Vdrain, Vs	VER_TESTPOINT_PTH		Vero Technologies	20-2137
1	IC1	ILD6150	V DC 4.5 V to 60 V; I_{OUT} 1.5 A:	Infineon	ILD6150XUMA1
1	J1	Reversed gender horizontal PCB header, 04 p	WR-TBL series 3095 – 5.08 mm reversed gender horizontal PCB header, 04 p	Würth Electronics	691309510004
1	J2	Screwless 45-degree entry, 2 p	WR-TBL series 4123 – 3.81 mm screwless 45-degree entry, 2 p	Würth Electronics	691412320002
1	L1	220 µH	I DC:1.8 A	Würth Electronics	7447709221
1	PWM	2 p	Conn header PH TOP 2POS 2 mm	JST Corporation	B2B-PH-K-S(LF)(SN)
1	R2	150 mR	P:250 mW	Bourns Inc.	CRL1206-FW-R150ELF
1	R6	0 R	P:125 mW	Multicomp	MCMR08X000 PTL