

Description	Quantity	Value	Footprint	Manufacturer	Manufacturer Part Number	Mouser Part Number	JLPCB Part Number
CAP CER 4.7nF 2KV 1812	1	4.7nF	CAP 1812	Yageo	CC1812KKX7RDBB472	603-CC812KKX7RDBB47	C309511
CAP CER 100pF 50V X7R 0603	2	100pF	CAP 0603	Samsung	CL10C101J1B8NNNC	187-CL10C101J1B8NNNC	C14858
CAP CER 4.7uF 50V X7R 0805	1	4.7uF	CAP 0805	Murata	GRM21BZ71H475KE15L	81-GRM21BZ71H475KE5L	C437557
CAP CER 0.1uF 50V X7R 0805	1	0.1uF	CAP 0805	Samsung	CL21B104KBCNNNC	187-CL21B104KBCNNNC	C1711
CAP CER 47uF 16V X6S 1210	3	47uF	CAP 1210	Murata	GRM32EC81C476KE15L	81-GRM32EC81C476KE5L	C162512
CAP ALUM 330uF 20% 25V SMD	1	330uF	CAPAE830X1050N	Nichicon	UWT1E331MNL1G5	647-UWT1E331MNL1S	C445067
CAP CER 47nF 100V X7R 0805	2	47nF	CAP 0805	Yageo	CC0805KKX7ROBB473	603-CC0805KKX7ROBB473	C107126
CAP CER 0.1uF 100V X7R 0805	1	0.1uF	CAP 0805	Samsung	CL21B104KCFNNNE	187-CL21B104KCFNNNE	C28233
CAP CER 4.7uF 100V X7R 1210	3	4.7uF	CAP 1210	Samsung	CL32B475KCVZW6E	187-CL32B475KCVZW6E	C17266784
CAP ALUM 47uF 20% 100V SMD	1	47uF	CAP_UCD_10X10_NCH	Panasonic	EEE-FN2A470UL	667-EEE-FN2A470UL	C1881593
CAP CER 1uF 25V X7R 0805	1	1uF	CAP 0805	Samsung	CL21B105KAFNNNE	187-CL21B105KAFNNNE	C116352
CAP CER 1uF 100V X7R 0805	1	1uF	CAP 0805	Yageo	CC0805KKX7ROBB105	N/A	C5370002
CAP CER 0.047uF 250V X7R 1206	1	0.047uF	CAP 1206	Murata	GRM31CR72E473KW03L	81-GRM31CR72E473KW03	C97958
CAP CER 1uF 50V X7R 0603	2	1uF	CAP 0603	YAGEO	CC0603KRX7R9BB105	603-CC603KRX7R9BB105	C559769
CAP CER 1nF 50V X7R 0603	1	1nF	CAP 0603	Samsung	CL10B102KB8NNNC	187-CL10B102KB8NNNC	C1588
CAP CER 10nF 50V X7R 0603	1	10nF	CAP 0603	Samsung	CL10B103KB8NNNC	187-CL10B103KB8NNNC	C1589
CAP CER 0.1uF 50V X7R 0603	3	0.1uF	CAP 0603	Samsung	CL10B104KB8NNNC	187-CL10B104KB8NNNC	C1591
CAP 47nF 50V X7R 0603	1	47nF	CAP 0603	Samsung	CL10B473KB8NNNC	187-CL10B473KB8NNNC	C1622
CAP CER 0603 DNP	4	DNP	CAP 0603 DNP				
CAP CER 2.2nF 50V X7R 0603	1	2.2nF	CAP 0603	Samsung	CL10B222KB8WPNC	187-CL10B222KB8WPNC	C307351
CAP CER 100PF 50V X7R 0603	1	100pF	CAP 0603	Yageo	CC0603JRX7R9BB101	603-CC603JRX7R9BB101	C519513
CAP CER 220nF 50V X7R 0805	1	220nF	CAP 0805	Samsung	CL21B224KBFNFNE	187-CL21B224KBFNFNE	C346221
Banana Jack, 4mm, Socket, Solder Hole - Uninsulated	4		CT2220-Footprint-1	Cal Test Electronics	CT2220	510-CT2220	C4993777
DIODE GEN PURP 100V 200MA SOD123	5		MMSD914T1G	onsemi	MMSD914T1G	863-MMSD914T1G	C91072
DIODE GEN PURP 100V 1A SMA	2		D10M4325X250N	onsemi	ES1B		C232818
DIODE ARRAY SCHOTTKY 30V SOT23-3	1		BAT545-7-F	BAT545-7-F	Diodes Inc.	621-BAT545-F	C83574
FIXED IND 1mH 200MA 6 OHM SMD	1	1mH	74404054102	Würth Elektronik	74404054102	710-74404054102	C1329403
FIXED IND 6.1uH 11A 7.8 MOHM SMD	1	6.1uH	CDEP147NP-6R1MC-95	Sumida America Components Inc.	CDEP147NP-6R1MC-95	851-CDEP147NP6R1MC95	C2454102
FIXED IND 5.5uH 10A 10.3MOHM SMD	1	5.5uH	IND 744325550 WRE-L	Würth Electronics	744325550	710-744325550	C1331073
MOSFET N-CH 80V 11A/55A TDSN	2		PG-TDSN-8_INF	Infineon	B5C123N08NS3GATMA1		C9900061485
MOSFET N-CH 80V 11A/55A TDSN DNP	2	DNP	PG-TDSN-8 DNP				
TRANS NPN 100V 1A SOT89-3	2		FCX493TA	Diodes Incorporated	FCX493TA	522-FCX493TA	C151570
MOSFET N-CH 120V 44A TDSN-8-EP(5x6)	1		TDSN-8-EP(5x6)	Infineon	B5C190N12NS3 G	726-B5C190N12NS3GXT	C534422
MOSFET P-CH 150V 8.9A PPAK1212-8	1		SI7115DN-T1-GE3	Vishay Siliconix	SI7115DN-T1-GE3	781-SI7115DN-T1-GE3	C469336
RES 0 OHM JUMPER 1/10W 0603	8	0	RES 0603	Yageo	RC0603FR-070RL	603-RC0603FR-070RL	C21189
RES 4.7K OHM 1% 1/10W 0603	2	4.7K	RES 0603	Yageo	RC0603FR-074K7L	603-RC0603FR-074K7L	C23162
RES 10K OHM 1% 1/10W 0805	1	10K	RES 0805	Yageo	RC0805FR-0710KL	603-RC0805FR-0710KL	C17414
RES 51K OHM 1% 1/10W 1206	2	51K	RES 1206	Yageo	RC1206FR-0751KL	603-RC1206FR-0751KL	C114947
RES 0 OHM JUMPER 1/8W 0805	1	0	RES 0805	Yageo	RC0805FR-070RL	603-RC0805FR-070RL	C17477
RES 148K OHM 1% 1/10W 0603	1	148K	RES 0603	Yageo	RC0603FR-07147KL	603-RC0603FR-07147KL	C185371
RES 62K OHM 1% 1/10W 0603	3	62K	RES 0603	Yageo	RC0603FR-07100RL	603-RC0603FR-07100RL	C23221
RES 1K OHM 1% 1/10W 0603	1	1K	RES 0603	Yageo	RC0603FR-071KL	603-RC0603FR-071KL	C21190
RES 2.55K OHM 1% 1/10W 0603	1	2.55K	RES 0603	Yageo	RC0603FR-072K55L	603-RC0603FR-072K55L	C295888
RES 2.3K OHM 1% 1/10W 0603	1	2.3K	RES 0603	Yageo	RC0603FR-072K32L	603-RC0603FR-072K32L	C137749
RES 10K OHM 1% 1/10W 0603	5	10K	RES 0603	Yageo	RC0603FR-0710KL	603-RC0603FR-0710KL	C25804
RES 0603 DNP	9	DNP	RES 0603 DNP				
RES 100 OHM 1% 1/10W 0603	1	100	RES 0603	Yageo	RC0603FR-07100RL	603-RC0603FR-07100RL	C105588
RES 20m Ohm 1% 1/10W 1206	1	20m	RES 1206	Yageo	RL1206FR-070R02L	603-RL1206FR070R02L	C513558
RES 10 OHM 1% 1/10W 0603	1	10	RES 0603	Yageo	RC0603FR-0710RL	603-RC0603FR-0710RL	C22859
RES 100K 1% 1/10W 0603	1	100K	RES 0603	Yageo	RC0603FR-07100KL	603-RC0603FR-07100KL	C25803
RES 130K OHM 1% 1/10W 0603	1	130K	RES 0603	Yageo	RC0603FR-07130KL	603-RC0603FR-07130KL	C22795
RES 2.2K OHM 1% 1/10W 0603	1	2.2K	RES 0603	Yageo	RC0603FR-102K2L		C4168163
RES 3.3K OHM 1% 1/10W 0603	1	3.3K	RES 0603	Yageo	RC0603FR-073K3L	603-RC0603FR-073K3L	C22978
RES 22K OHM 1% 1/10W 0603	1	22K	RES 0603	Yageo	RC0603FR-0722KL	603-RC0603FR-0722KL	C114065
RES 7.15K OHM 1% 1/10W 0603	1	7.15K	RES 0603	Yageo	RC0603FR-077K15L	603-RC0603FR-077K15L	C137682
RES 680 OHM 1% 1/10W 0805	1	680	RES 0805	Yageo	RC0805FR-07680RL		C114549
WE-POE POWER-OVER-ETHERNET TRANS	1		EFD20	Würth Elektronik	750319034	710-750319034	C17366114
PC TEST POINT MULTIPURPOSE RED	2		TH	Keystone	5010	534-5010	C5199813
PC TEST POINT MULTIPURPOSE BLACK	2		TH	Keystone	5011	534-5011	C5199814
PC TEST POINT MULTIPURPOSE YELLOW	1		TH	Keystone	5014	534-5014	C238128
Optoisolator Transistor Output 3750Vrms 1 Channel 4-SOP	1		SOP-4	Vishay Semiconductor	TCMT1107	782-TCMT1107	C81148
IC VREF SHUNT ADJ 1% SOT23-3	1		SOT23-3	Texas Instruments		595-TLV431AIDBZR	C56765
ACTIVE CLAMP CURRENT-MODE PWM CO	1		QFN33-16	Kinetic Technologies	KT82140GUAP-TB	389-KT82140GUAP-TB	C9900196689
TRANS NPN 40V 0.2A SOT23-3	1		SOT-23-3	Diotec Semiconductor	MMBT3904-7	637-MMBT3904	C212794
ZENERDIODE, SOD-123, 5.2V~6.0V,	2		SOD123	DIODES	8ZT52C5V6-7-F	621-BZT52C5V6-F	C397930
ZENERDIODE, SOD-123, 11.40V~12V,	1		SOD123	Diotec Semiconductor	MMSZ52428	637-MMSZ52428	C5139754

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