

Reference	Value	Mouser Part Number	Qty	Beschreibung
C1	220uF/16V NP	647-UVP1C221MPD	1	Bipolar
C2	2.2u/50V	80-ESK225M050AC3AA	1	
C3,C4,C6	100n	594-K104K20X7RH5UH5	3	
C5	10u/16V	80-ESK106M016AC3KA	1	
C7	1u/50V	80-ESK105M050AC3AA	1	
D1	SMAJ150CA	576-SMAJ150CA	1	
D2,D3,D5,D6	LED	604-WP710A10ID	4	Alternate color
D4,D7	1N4148	512-1N4148	2	
J1,J2,J3,J4	534-8191	534-8191	4	Screw terminal, PC mount, vertical, with screw, metal, 15 Amps or Faston
J5,J6,J7,J8,J9,J10	61900211121	710-61900211121	6	WR-WTB 2,54mm Vertical Locking Header 2p
JP1	Jumper_2_Small_Bridged		1	Jumper, 2-pole, small symbol, bridged
Q1,Q2	IPP076N15N5	726-IPP076N15N5AKSA1	2	
Q3,Q5	BC549	512-BC549CTA	2	
Q4	2N5551	512-2N5551TA	1	
R1,R3,R4,R14,R15	4.7k	594-MBB02070C4701FCT	5	
R2	390	594-MBB02070C3900FCT	1	
R5	10k	594-MBB02070C1002FRP	1	
R6,R8,R9,R10	330	594-MBB02070C3300FCT	4	
R7,R17	470	594-MBB02070C4700FRP	2	
R11,R12	18k	594-MBB02070C1802FCT	2	
R16	220	594-MBB02070C2200FCT	1	
R99	**		1	0.6W Resistor calculated
TP1	TestPoint	710-61900311121	1	Reserve PAD for assembly a 3 pin header for remote LED D5/D6
U1,U7	LTV-8141	859-LTV-8141	2	AC-Optocoupler
U2,U4	VOM1271T	78-VOM1271T	2	Driver FET
U3	CNY17-3	630-CNY17-3-000E	1	
U5	ATtiny84-20PU	575-1104731441001000	1	Use IS Socket for preprogrammed MCU
U6	LM7805	926-LM7805CT/NOPB	1	Alternate LM340T5