

Reference	Value	Footprint
C1	10uF	Capacitors_SMD:CP_Elec_4x4.5
C2	10uF	Capacitors_SMD:CP_Elec_4x4.5
C3	100nF	Capacitors_SMD:C_0805
C4	100nF	Capacitors_SMD:C_0805
C5	100nF	Capacitors_SMD:C_0805
C6	100nF	Capacitors_SMD:C_0805
C7	100nF	Capacitors_SMD:C_0805
C8	100nF	Capacitors_SMD:C_0805
C9	100nF	Capacitors_SMD:C_0805
C10	33nF	Capacitors_SMD:C_0805
C11	2u2	Capacitors_SMD:C_0805
D1	STPS1L30U	Diodes_SMD:D_SMB
D2	STPS1L30U	Diodes_SMD:D_SMB
D3	LM4040-5V	TO_SOT_Packages_SMD:SOT-23
D4	LM4040-2V5	TO_SOT_Packages_SMD:SOT-23
D5	LM4040-2V5	TO_SOT_Packages_SMD:SOT-23
D6	1N4148	Diodes_SMD:D_SOD-123
D7	1N4148	Diodes_SMD:D_SOD-123
D8	BAT48	Diodes_SMD:D_SOD-123
D9	BAT48	Diodes_SMD:D_SOD-123
D10	1N4148	Diodes_SMD:D_SOD-123
D11	1N4148	Diodes_SMD:D_SOD-123
D12	1N4148	Diodes_SMD:D_SOD-123
D13	1N4148	Diodes_SMD:D_SOD-123
D14	1N4148	Diodes_SMD:D_SOD-123
D15	1N4148	Diodes_SMD:D_SOD-123
D16	6V8	Diodes_SMD:D_SOD-123
D17	6V8	Diodes_SMD:D_SOD-123
D21	SSL_LX30FT14IGW	LEDs:LED_D3.0mm_FlatTop
J1	EURO_PWR_2x5	Pin_Headers:Pin_Header_Straight_2x05_Pitch2.54mm
J2	PJ301M-12	Synth_Components:PJ301M-12
J3	PJ301M-12	Synth_Components:PJ301M-12
J4	PJ301M-12	Synth_Components:PJ301M-12
J5	PJ301M-12	Synth_Components:PJ301M-12
JP1	NO	Pin_Headers:Pin_Header_Straight_1x02_Pitch2.54mm
L1	BLM21PG221SN1D	Resistors_SMD:R_0805_HandSoldering
L2	BLM21PG221SN1D	Resistors_SMD:R_0805_HandSoldering
Q1	DMMT3906	TO_SOT_Packages_SMD:SOT-363_SC-70-6_Handsoldering
Q2	DMMT3904	TO_SOT_Packages_SMD:SOT-363_SC-70-6_Handsoldering
R1	1K	Resistors_SMD:R_0805
R2	4K7	Resistors_SMD:R_0805_HandSoldering
R3	4K7	Resistors_SMD:R_0805_HandSoldering
R4	10K	Resistors_SMD:R_0805
R5	100K	Resistors_SMD:R_0805_HandSoldering
R6	10K	Resistors_SMD:R_0805
R7	1K	Resistors_SMD:R_0805
R8	1K	Resistors_SMD:R_0805_HandSoldering
R9	10K	Resistors_SMD:R_0805_HandSoldering
R10	1M	Resistors_SMD:R_0805
R11	1M	Resistors_SMD:R_0805_HandSoldering
R12	100K	Resistors_SMD:R_0805
R13	680R	Resistors_SMD:R_0805_HandSoldering
R14	680R	Resistors_SMD:R_0805
R15	220R	Resistors_SMD:R_0805

R16	470R	Resistors_SMD:R_0805
R17	1K	Resistors_SMD:R_0805
R18	470R	Resistors_SMD:R_0805
R19	2K2	Resistors_SMD:R_0805
R20	100K	Resistors_SMD:R_0805
R21	100K	Resistors_SMD:R_0805
R22	100K	Resistors_SMD:R_0805
R23	130K	Resistors_SMD:R_0805
R24	100K	Resistors_SMD:R_0805
R25	130K	Resistors_SMD:R_0805
R26	130K	Resistors_SMD:R_0805
R27	2K2	Resistors_SMD:R_0805
R28	130K	Resistors_SMD:R_0805
R29	51K	Resistors_SMD:R_0805
R30	51K	Resistors_SMD:R_0805
R31	47K	Resistors_SMD:R_0805
R32	4K7	Resistors_SMD:R_0805
R33	4K7	Resistors_SMD:R_0805
R34	47K	Resistors_SMD:R_0805
R35	47K	Resistors_SMD:R_0805_HandSoldering
R36	1K	Resistors_SMD:R_0805_HandSoldering
R37	47K	Resistors_SMD:R_0805_HandSoldering
R38	100K	Resistors_SMD:R_0805
R39	4K7	Resistors_SMD:R_0805
R40	4K7	Resistors_SMD:R_0805
R41	100K	Resistors_SMD:R_0805
R42	100K	Resistors_SMD:R_0805
R43	27K	Resistors_SMD:R_0805
R44	27K	Resistors_SMD:R_0805
R45	27K	Resistors_SMD:R_0805
R46	27K	Resistors_SMD:R_0805
R47	100K	Resistors_SMD:R_0805
R48	100K	Resistors_SMD:R_0805
R49	100K	Resistors_SMD:R_0805
R50	100K	Resistors_SMD:R_0805
R51	100K	Resistors_SMD:R_0805
R52	470R	Resistors_SMD:R_0805
R53	100K	Resistors_SMD:R_0805
R54	17K4	Resistors_SMD:R_0805
R55	17K4	Resistors_SMD:R_0805
R56	82K5	Resistors_SMD:R_0805
R57	82K5	Resistors_SMD:R_0805
RV1	B100K	Potentiometers:Potentiometer_Trimmer_Bourns_3296W
RV2	B100K	Potentiometers:Potentiometer_Trimmer_Bourns_3296W
RV3	B100K	Potentiometers:Potentiometer_Alps_RK09K_Horizontal
RV4	B100K	Potentiometers:Potentiometer_Alps_RK09K_Horizontal
RV5	B100K	Potentiometers:Potentiometer_Alps_RK09K_Horizontal
RV6	B100K	Potentiometers:Potentiometer_Alps_RK09K_Horizontal
RV7	B100K	Potentiometers:Potentiometer_Alps_RK09K_Horizontal
RV8	B100K	Potentiometers:Potentiometer_Alps_RK09K_Horizontal
U1	OPA4196	Housings_SOIC:SOIC-14_3.9x8.7mm_Pitch1.27mm
U2	TL074	Housings_SOIC:SOIC-14_3.9x8.7mm_Pitch1.27mm
U3	TL072	Housings_SOIC:SOIC-8_3.9x4.9mm_Pitch1.27mm