

### LA502T Parts list

All the components in this list are included in the kit  
Tous les composants de cette liste sont inclus dans le kit

Reference	Value	Qty	Description	Marking
R50, R51	1R	2	Resistor 1%, 1/4W	BRN-BLK-BLK-SLV-BRN
R18, R19, R20, R21	12R	4	Resistor 1%, 1/4W	BRN-RED-BLK-GLD-BRN
R33	47R	1	Resistor 1%, 1/4W	YEL-VIO-BLK-GLD-BRN
R32	56R	1	Resistor 1%, 1/4W	GRN-BLU-BLK-GLD-BRN
R31	68R	1	Resistor 1%, 1/4W	BLU-GRY-BLK-GLD-BRN
R23	100R	1	Resistor 1%, 1/4W	BRN-BLK-BLK-BLK-BRN
R30	130R	1	Resistor 1%, 1/4W	BRN-ORG-BLK-BLK-BRN
R27	180R	1	Resistor 1%, 1/4W	BRN-GRY-BLK-BLK-BRN
R26, R29	220R	2	Resistor 1%, 1/4W	RED-RED-BLK-BLK-BRN
R34, R36	470R	2	Resistor 1%, 1/4W	YEL-VIO-BLK-BLK-BRN
R14	680R	1	Resistor 1%, 1/4W	BLU-GRY-BLK-BLK-BRN
R3, R4, R7, R9, R12, R48	1k	6	Resistor 1%, 1/4W	BRN-BLK-BLK-BRN-BRN
R15, R52	1k2	2	Resistor 1%, 1/4W	BRN-RED-BLK-BRN-BRN
R38	2k2	1	Resistor 1%, 1/4W	RED-RED-BLK-BRN-BRN
R25	3k3	1	Resistor 1%, 1/4W	RED-RED-BLK-BRN-BRN
R22, R24, R28, R44, R49	4k7	5	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN-BRN
R16, R42, R43	10k	3	Resistor 1%, 1/4W	BRN-BLK-BLK-RED-BRN
R1, R37	12k	2	Resistor 1%, 1/4W	BRN-RED-BLK-RED-BRN
R2	22k	1	Resistor 1%, 1/4W	RED-RED-BLK-RED-BRN
R8, R10, R13	47k	3	Resistor 1%, 1/4W	YEL-VIO-BLK-RED-BRN
R40, R41	68k	2	Resistor 1%, 1/4W	BLU-GRY-BLK-RED-BRN
R5, R45, R46, R47	100k	4	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN
R6, R11, R17	1M0	3	Resistor 1%, 1/4W	BRN-BLK-BLK-YEL-BRN
R35, R39	2M2	2	Resistor 1%, 1/4W	RED-RED-BLK-YEL-BRN
C7	22p	1	Capacitor Ceramic	220
C3	47p	1	Capacitor Ceramic	470
C1, C2, C10, C11, C12, C18	470p	6	Capacitor Ceramic	471
C15, C16, C23, C24, C29, C30, C31, C32, C33, C34, C35, C36	100n	12	Capacitor Ceramic	104
C13, C14	1u	2	Capacitor Ceramic	105
C9	4n7	1	Capacitor Film	4700
C20	22n	1	Capacitor Film	0.022
C4, C21	100n	2	Capacitor Film	0.1
C6, C8	100n-250V	2	Capacitor Film	0.1 250
C22	220n	1	Capacitor Film	0.22
C19	BP10u	1	Capacitor Electro, Bipolar	
C26	22u-250V	1	Capacitor Electro Low ESR, 105°	
C17	100u-25V	1	Capacitor Electro Low ESR, 105°	

C5	100u-63V	1	Capacitor Electro Low ESR, 105°	
C27, C28	330u-25V	2	Capacitor Electro Low ESR, 105°	
C25	330u-35V	1	Capacitor Electro Low ESR, 105°	
L1, L2	22uH	2	Inductor radial 2A	
D1, D2, D3, D4	Z6V2	4	Zener diode 6V2	
D8, D9, D10	1N4004	3	Rectifier diode	<b>1N4004</b>
D5, D6, D7	1N914	3	Signal diode	<b>914 or 4148</b>
LD1, LD2, LD3, LD4, LD5, LD6	LED	6	3mm LED red	
OC1		1	Opto-coupler	
Q1	J111	1	N JFET transistor	
U1, U2, U7, U8	OPA2134	4	Dual Op-Amp	<b>OPA134</b>
U5	TL431A	1	Precision voltage reference	
U3, U4	LM339	2	Quad comparator	
U6	LM317LZ	1	Positive voltage regulator	
U9	SKTPS2	1	Voltage regulator module 225V//12V	
V1	ECC81	1	Tube	
		1	Noval socket	
SW1, SW2, SW3, SW4	DPDT	4	Min toggle switch on/off/on	
	8 pins	4	IC socket	
J1a		1	Socket 1x10 pins	
SKPS2 socket		5	Pin socket 1mm	
J1b		1	Header 18mm 1x10 pins	
	2x4pins	2	Header 90° 2x4 pins	
TP1...TP8, V+, V-, 0V	11mm	11	Test pin	
	20mm	5	Pins for module SKTPS2	
P1	2x 100kC	1	Potentiometer dual gang reverse log	<b>C100K</b>
P2	100k log	1	Potentiometer log (one or two gangs)	<b>A100K</b>
TR1, TR2	1k	2	Trimmer pot 1 turn	<b>102 or 1K</b>
TR3	2k	1	Trimmer pot 20 turns	<b>202 or 2K</b>
RLY1		1	Submin relay DPDT 24V	
T1	Z3002	1	Line input transformer	
T2	UTM3523	1	Line output transformer	
Main PCB		1	PCB	
knob		2	22x6mm knob, vintage	
		1	LA502T front panel	
		1	Side plate	
Transformer assembly	M2.5x25	2	Screw	
Transformer assembly	M2.5x 3	2	Spacer	
Transformer assembly	M2.5	2	Washer	
Transformer assembly	M2.5	2	Nut	
Front pannel assembly		2	Nut 3D	
Front pannel assembly	M3x8	2	Hex screw, flat head	
Front pannel assembly	M3x6	2	Black screw countersunk	

Cover assembly	M3x6	4	Screw countersunk	
Main PCB assembly	M3x18	2	Spacer male/fem	
Main PCB assembly	M3x25	2	Spacer male/fem	
2nd PCB assembly	M3x7	2	Spacer male/fem	
PCB assembly	M3	6	Metal washer	
Module attachment	M3x8	2	Black screw countersunk	
	M2	1	Hex key	
Black reference components	PCB main			
Blue reference components	PCB Leds			
Green reference components	PCB Tube			
(1) Data can be changed without notice				
(1) Les donnée peuvent être modifiées sans préavis				
Schematic Rev 1.2 - PCB Rev 1.4				
Last modified : 11/04/2026				