



DI503J 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
R27, R30, R31	5R6	3	Resistor 1%, 1/4W	GRN-BLU-BLK-SLV-BRN
R29	7R5	1	Resistor 1%, 1/4W	VIO-GRN-BLK-SLV-BRN
R9, R20, R21, R22, R24, R25, R32, R33, R34	1K2	9	Resistor 1%, 1/4W	BRN-RED-BLK-BRN-BRN
R1, R8, R28	4K7	3	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN-BRN
R18, R19, R23	8K2	3	Resistor 1%, 1/4W	GRY-RED-BLK-BRN-BRN
R4, R15, R26	22K	3	Resistor 1%, 1/4W	RED-RED-BLK-RED-BRN
R17	47k	1	Resistor 1%, 1/4W	YEL-VIO-BLK-RED-BRN
R10, R13, R14	100K	3	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN
R11	330K	1	Resistor 1%, 1/4W	ORG-ORG-BLK-ORG-BRN
R5	1M	1	Resistor 1%, 1/4W	BRN-BLK-BLK-YEL-BRN
R7	1M8	1	Resistor 1%, 1/4W	BRN-GRY-BLK-YEL-BRN
R3, R12, R16	4M7	3	Resistor 1%, 1/4W	YEL-VIO-BLK-YEL-BRN
R2, R6	10M	2	Resistor 1%, 1/4W	BRN-BLK-BLK-GRN-BRN
L2, L3	22uH	2	Inductor Axial	RED-RED-BLK-SLV
L4, L5	22uH	2	Inductor radial	220
L1	150mH	1	Inductor radial	154
C17	47pF	1	Capacitor Ceramic	470
C1, C18	100pF	2	Capacitor Ceramic	101
C15, C16	470pF	2	Capacitor Ceramic	471
C12, C13, C14, C23, C25, C29, C30, C31, C32, C35	100nF	10	Capacitor Ceramic	104
C10, C11	4n7	2	Capacitor Film	4700
C2	100nF	1	Capacitor Film	0.1
C4, C9	220nF	2	Capacitor Film	0.22
C6	680nF	1	Capacitor Film	0.68
C3, C7, C8	1uF	3	Capacitor Film	1u
C21, C22	BP10uF	2	Capacitor Electro, Bipolar	
C24	10uF-63V	1	Capacitor Electro Low ESR, 105°	
C26, C27, C28	100uF-25V	3	Capacitor Electro Low ESR, 105°	
C5	100uF-63V	1	Capacitor Electro Low ESR, 105°	
C33, C34	330uF-25V	2	Capacitor Electro Low ESR, 105°	
C19, C20	BP1000u-16V	2	Capacitor Electro, Bipolar	
T1	JEN-JTDB	1	Jensen DI transformer	
T2	Ratio 1:1	1	OEP Line input transformer	
D1, D2	1N914	2	Rectifier diode	1N4004
D3, D4, D5, D6, D7, D8	1N4004	6	Rectifier diode	1N4004
BR1	B125D	1	Bridge rectifier 1A	
Q1	2SK170	1	N channel FET transistor	K170

Q2	MPSA29	1	NPN Darlington transistor	MPSA29
U1	VXO78012-500	1	12V voltage regulator	
U3	THAT 1512	1	Audio preamplifier	MPSA29
U4	THAT1646	1	Line driver	
V1	12AT7/ECC81	1	Dual triode	
U2	LM1086CT-ADJ	1	Positive voltage regulator	
SW1, SW2, SW3, SW5, SW6	DPDT	5	Min push switch on/on - white cap	
SW4	DPDT	1	Min toggle switch vertical on/off/on	
J8	Noval	1	Ceramic tube socket	
J1, J9	NYS2192	2	Stereo jack socket	
J10	6 pins	1	SIL 2.54 socket 1x6 pins	
J5b	6 pins	1	SIL 2.54 header 1x6 pins - 18.5 mm	
J3, J5		2	Header 90° 2x5 pins	
J4, J6		2	Socket 2x5 pins	
J7		1	Header 90° 2x10 pins	
J8		1	Socket 2x10 pins	
J6b, J7b		2	Header 90° 2x4 pins	
	8 pins	2	IC socket	
TP1, TP2, TP3, 0V, V+, V-, H+, HT		8	Test pin	
P2	2k2C	1	Potentiometer	
P1	10kB	1	Potentiometer	10K LOGB
TR1	50k	1	Trimmer pot 1 turn	
RLY1, RLY2, RLY3, RLY4		4	Submin relay DPDT 24V	
Main PCB		1	PCB	
knob		2	Knob Black Alu 13mm	
		1	DI503 front panel	
		1	Side plate	
Front pannel assembly	M3x6	2	Screw countersunk black	
Cover assembly	M3x6	4	Screw countersunk	
	M2.5x8	3	Screw countersunk black	
	M2.5x6	3	Screw	
PCB assembly	M3	4	Nuts M3	
Main PCB assembly	M3x25	4	Spacer male/fem	
	M2.5x15	3	Spacer fem/fem	
(1) Data can be changed without notice				
(1) Les donnée peuvent être modifiées sans préavis				
Schematic Rev 1.2 - PCB Rev 1.3				
Last modified : 25/08/2021				