



## MP566 Parts list (1)

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	
R47	22R	1	Resistor 1%, 1/4W	RED-RED-BLK-GLD-BRN	
R30	100R	1	Resistor 1%, 1/4W	BRN-BLK-BLK-BLK-BRN	
R1, R6	150R	2	Resistor 1%, 1/4W	BRN-GRN-BLK-BLK-BRN	
R4, R5, R21	680R	3	Resistor 1%, 1/4W	BLU-GRY-BLK-BLK-BRN	
R12, R19, R28, R31, R32	1K	5	Resistor 1%, 1/4W	BRN-BLK-BLK-BRN-BRN	
R9, R16, R26, R45	1K2	4	Resistor 1%, 1/4W	BRN-RED-BLK-BRN-BRN	
R29	2K2	1	Resistor 1%, 1/4W	RED-RED-BLK-BRN-BRN	
R13, R42	2K7	2	Resistor 1%, 1/4W	RED-VIO-BLK-BRN-BRN	
R34	3K3	1	Resistor 1%, 1/4W	ORG-ORG-BLK-BRN-BRN	
R35	4K7	1	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN-BRN	
R2, R3	6K8- 0.1%	2	Resistor 0.1%, 1/4W	BLU-GRY-BLK-BRN-VIO	
R14, R23, R41, R44	10K	4	Resistor 1%, 1/4W	BRN-BLK-BLK-RED-BRN	
R46	15K	1	Resistor 1%, 1/4W	BRN-GRN-BLK-RED-BRN	
R39	24K	1	Resistor 1%, 1/4W	RED-YEL-BLK-RED-BRN	
R20, R38	47K	2	Resistor 1%, 1/4W	YEL-VIO-BLK-RED-BRN	
R17, R22, R40	100K	3	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN	
R37	120K	1	Resistor 1%, 1/4W	BRN-RED-BLK-ORG-BRN	
R7, R8	180K	2	Resistor 1%, 1/4W	BRN-GRY-BLK-ORG-BRN	
R25	330K	1	Resistor 1%, 1/4W	ORG-ORG-BLK-ORG-BRN	
R10, R11, R15, R18, R24, R27, R36, R43	1M	8	Resistor 1%, 1/4W	BRN-BLK-BLK-YEL-BRN	
R33	NC	1	Not connected		
PTC1, PTC2	200 mA	2	Resettable fuse		
C8, C12	47pF	2	Capacitor Ceramic	470	R5
C2	100pF	1	Capacitor Ceramic	101	R2.5/R5
C19, C20	100nF	2	Capacitor Ceramic	104	R5
C15, C17	1uF	2	Capacitor Ceramic	105	R5
C16	10n-100V	1	Capacitor Film	0.01	R5
C3	100nF	1	Capacitor Film	0.1	R5
C6	100nF-400V	1	Capacitor Film	.1M400	R15
C9, C10	1uF-400V	2	Capacitor Film	1.0uF	R22.5
C21	1uF-100V	1	Capacitor Electro Low ESR, 105°		
C4	22uF-350V	1	Capacitor Electro Low ESR, 105°		
C13, C14	33uF-35V	2	Capacitor Electro Low ESR, 105°		
C26	100uF-25V	1	Capacitor Electro Low ESR, 105°		
C1	100uF-63V	1	Capacitor Electro Low ESR, 105°		
C11	BP100uF-16V	1	Capacitor Electro, Bipolar		
C5, C7	330uF-25V	2	Capacitor Electro Low ESR, 105°		
C24, C25	330uF-35V	2	Capacitor Electro Low ESR, 105°		

C22, C23	1000uF-25V	2	Capacitor Electro Low ESR, 105°		
C18	NC	1	Not connected		
L1, L2	22uH	2	Inductor radial		
L3	22uH	1	Inductor axial	<del>RED-RED-BLK-SLV</del>	
V1	12AT7/ECC81	1	Dual triode		
D5, D6, D7, D8, D9, D11	1N914	6	Signal diode	<b>914 or 4148</b>	
D1, D2	1N4004	2	Rectifier diode	<b>1N4004</b>	
D10	Red/Green	1	2 colors LED, 2 pins		
D3, D4, D12	Z5V1	3	Diode zener 5V1		
Q1	2N7000	1	N channel FET transistor	<b>2N7000</b>	
U1	OPA134	1	Single high performance Op-Amp		
U2	LT1206	1	TO220 Current Feedback Amplifier		
U3	TL074CN	1	Quad Op-Amp	<b>TL074CN</b>	
U4		1	12V voltage regulator		
U5		1	225V high voltage generator		
		2	TO220 Heatsink		
SW1	SPDT	1	Min toggle switch on/on, red cap		
SW2	DPDT	2	Min toggle switch on/off/on		
	Noval	1	Ceramic tube socket		
CN1	NYS2192	1	Stereo jack socket		
CN2	1x6 pins	1	SIL 2.54 pin header		
		2	DIL 2.54 header 2x5pins 90°		
IC socket	8 pins	1	IC socket		
		8	Test pin		
P1, P2	100KB	2	Potentiometer	<b>100K LOGB</b>	
RLY1, RLY2		2	Relay DPDT 24V		
		1	PCB		
		2	Knob		
		1	MP566 front pannel		
		1	Side plate		
Front pannel assembly	M3x6	2	Black screw countersunk		
Side cover assembly	M3x6	4	Screw countersunk		
Heatsink assembly	M3x10	1	Screw pan head		
PCB assembly	M3	4	Lock-washer		
PCB assembly	M3x25	4	Spacer male/fem		
Heatsink assembly	M3	1	Self locking nut		
Rack mounting	#4-40 3/8"	2	Black machine Philips head screw		
T1	A262A3C	1	Mic input transformer (Carnhill/OEP)		
T2	PCW150/150/150	1	Line output Transformer (EDCOR)		
(1) Data can be changed without notice - Les donnée peuvent être modifiées sans préavis					
Schematic Rev 1.3 - PCB Rev 1.3					
Last modified : 07/07/2015					