



MP5.99 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
R39, R40	1R	2	Resistor 1%, 1/4W	BRN-BLK-BLK-SLV-BRN
R9, R10	5R6	2	Resistor 1%, 1/4W	GRN-BLU-BLK-SLV
R36	39R	1	Resistor 1%, 1/4W	ORG-WHT-BLK-GLD-BRN
R3, R6	150R	2	Resistor 1%, 1/4W	BRN-GRN-BLK-BLK-BRN
R25, R49	220R	2	Resistor 1%, 1/4W	RED-RED-BLK-BLK-BRN
R51	470R	1	Resistor 1%, 1/4W	YEL-VIO-BLK-BLK-BRN
R4, R5, R23	680R	3	Resistor 1%, 1/4W	BLU-GRY-BLK-BLK-BRN
R11, R15, R19, R20	1K	4	Resistor 1%, 1/4W	BRN-BLK-BLK-BRN-BRN
R37, R48	1K5	2	Resistor 1%, 1/4W	BRN-GRN-BLK-BRN-BRN
R14, R24, R33	2K2	3	Resistor 1%, 1/4W	RED-RED-BLK-BRN-BRN
R26, R44	4K7	2	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN-BRN
R7, R32	6K2	2	Resistor 1%, 1/4W	BLU-RED-BLK-BRN-BRN
R1, R2	6K8	2	Resistor 1%, 1/4W	BLU-GRY-BLK-BRN-VIO
R12, R13, R22, R35, R38	10K	5	Resistor 1%, 1/4W	BRN-BLK-BLK-RED-BRN
R8, R50	47K	2	Resistor 1%, 1/4W	YEL-VIO-BLK-RED-BRN
R29, R30, R31, R45, R46	100K	5	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN
R28	120K	1	Resistor 1%, 1/4W	BRN-RED-BLK-ORG-BRN
R17, R18, R27	220K	3	Resistor 1%, 1/4W	RED-RED-BLK-ORG-BRN
R16, R42	330K	2	Resistor 1%, 1/4W	ORG-ORG-BLK-ORG-BRN
R34, R41	1M	2	Resistor 1%, 1/4W	BRN-BLK-BLK-YEL-BRN
R43, R47	2M2	2	Resistor 5%, 1/4W	RED-RED-BLK-YEL-BRN
R21	NC		Not connected	
C3, C8	100p	2	Capacitor Ceramic	101
C5	220pF	1	Capacitor Ceramic	221
C1, C2	470p	2	Capacitor Ceramic	471
C16	10n	1	Capacitor Film	10n or 0.01
C11, C12, C18, C19	100n	4	Capacitor Ceramic	104
C10, C13, C14, C22	470n	4	Capacitor Film	0.47
C17	1u	1	Capacitor Ceramic	105
C23	33u-35V	1	Capacitor Electro Low ESR, 105°	
C4	100u-63V	1	Capacitor Electro Low ESR, 105°	
C9	BP1000u-16V	1	Capacitor Electro, Bipolar	
C6, C7, C20, C21, C24, C25	330u-25V	6	Capacitor Electro Low ESR, 105°	
C15	NC		Not connected	
L1	6uH	1	Inductor	
D3, D4, D5, D6, D10, D11	1N914	6	Signal diode	914 or 4148
D1, D2, D8, D9	1N4004	4	Rectifier diode	1N4004
D7	Red/Green	1	2 colors LED, 2 pins	

Q1	2N7000	1	N channel FET transistor	2N7000
Q2	2SK170	1	N channel FET transistor	K170
U1	OP07	1	Low offset Op-Amp	OP07CP
U2	TL074CN	1	Quad Op-Amp	TL074CN
A1	SK99	1	Discrete Operational Amplifier	
SW1	SPDT	1	Min toggle switch on/on, short lever, red cap	
SW2, SW3	DPDT	2	Min toggle switch on/off/on	
CN1		1	SIL 2.54 Socket 6 pins	
CN2	NYS2192	1	Stereo jack socket	
CN3		1	SIL pin header 2.54, 6 pins, length 18mm	
JMP1, JMP2	1x2 pins	2	SIL pin header	
Jumper		2	Jumper	
DOA socket		7	Pin socket	
TP1...TP4, V+, V-, GND		7	Test pin	
OP07 socket	8 pins	1	IC socket	
P1	10kA	1	Potentiometer	10K - LIN A
P2	2x1KA	1	Potentiometer	1K - LIN A
RLY1, RLY2		2	Submin relay DPDT 24V	
T1	LL1538	1	Mic input transformer 1:5	
T2	LL1517	1	Line output Transformer 1+1:1+1	
Main PCB		1	PCB	
Gain & Pad knob		2	Knob 13mm	
		1	MP 599 front pannel	
		1	Side plate	
Front pannel assembly	M3x6	2	Black screw countersunk	
PCB assembly	M3x25	4	Spacer male/female	
PCB assembly	M3	4	Shake-proof washer	
Cover assembly	M3x6	4	Screw countersunk	
SK99				
R12, R13	5R6	2	Resistor 1%, 1/4W	GRN-BLU-BLK-SLV
R10	22R	1	Resistor 1%, 1/4W	RED-RED-BLK-GLD-BRN
R7	39R	1	Resistor 1%, 1/4W	ORG-WHT-BLK-GLD-BRN
R2, R3, R11	100R	3	Resistor 1%, 1/4W	BRN-BLK-BLK-BLK-BRN
R9	220R	1	Resistor 1%, 1/4W	RED-RED-BLK-BLK-BRN
R1, R4, R5	470R	3	Resistor 1%, 1/4W	YEL-VIO-BLK-BLK BRN
R8	2K2	1	Resistor 1%, 1/4W	RED-RED-BLK-BRN-BRN
R6	22K	1	Resistor 1%, 1/4W	RED-RED-BLK-RED-BRN
L1	22uH	1	Inductor	RED-RED-BLK-SLV
C1	100pF	1	Capacitor ceramic	101
C2	220pF	1	Capacitor ceramic	221
D1, D2, D5, D6, D7, D8, D9	1N914	7	Signal diode	914 or 4148
D3	Red	1	Red LED	
D4	5.1V	1	Zener diode	BZX55C 5V1

Q1	BC560C	1	PNP small signal transistor	BC560C
Q2, Q3	KSA992	2	PNP small signal transistor	A992
Q4, Q5, Q6	BC550C	3	NPN small signal transistor	BC550C
Q7	BC556C	1	PNP small signal transistor	BC556C
Q8	BC546C	1	NPN small signal transistor	BC546C
Q9	BD139	1	NPN power transistor	BD139
Q10	BD140	1	PNP power transistor	BD140
		6	connecting pin (golden)	
PCB		1	PCB	
Power transistor assembly	M3x12	2	Screw pan head	
Power transistor assembly	M3x20	1	Spacer	
(1) Data can be changed without notice				
(1) Les donnée peuvent être modifiées sans préavis				
Schematic Rev 1.6				
MP599 PCB Rev 1.6				
Last modified : 30/06/2020				