



## MP5.12 Parts list (1)

All the components in this list are included in the kit

Reference	Value	Qty	Description	Marking
R15, R16	10R	2	Resistor 1%, 1/4W	BRN-BLK-BLK-GLD-BRN
R22, R40	47R	2	Resistor 1%, 1/4W	YEL-VIO-BLK-GLD-BRN
R12	75R	1	Resistor 1%, 1/4W	VIO-GRN-BLK-GLD-BRN
R3, R4, R7	150R	3	Resistor 1%, 1/4W	BRN-GRN-BLK-BLK-BRN
R26	330R	1	Resistor 1%, 1/4W	ORG-ORG-BLK-BLK-BRN
R13	470R	1	Resistor 1%, 1/4W	YEL-VIO-BLK-BLK BRN
R5, R6	620R	2	Resistor 1%, 1/4W	BLU-RED-BLK-BLK-BRN
R38, R39	1K	2	Resistor 1%, 1/4W	BRN-BLK-BLK-BRN-BRN
R36	1K5	1	Resistor 1%, 1/4W	BRN-GRN-BLK-BRN-BRN
R25	2K7	1	Resistor 1%, 1/4W	RED-VIO-BLK-BRN-BRN
R33	3K9	1	Resistor 1%, 1/4W	ORG-WHI-BLK-BRN-BRN
R1, R2	6K8	2	Resistor 1%, 1/4W	BLU-GRY-BLK-BRN-VIO
R8, R23, R32, R35, R37	10K	5	Resistor 1%, 1/4W	BRN-BLK-BLK-RED-BRN
R14	15K	1	Resistor 1%, 1/4W	BRN-GRN-BLK-RED-BRN
R9, R28, R30, R31	100K	4	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN
R29	120K	1	Resistor 1%, 1/4W	BRN-RED-BLK-ORG-BRN
R27	220K	1	Resistor 1%, 1/4W	RED-RED-BLK-ORG-BRN
R34	1M	1	Resistor 1%, 1/4W	BRN-BLK-BLK-YEL-BRN
R10, R11, R17, R18, R19, R20, R21, R24	NC		Not connected	
C5	22p-100V	1	Capacitor Ceramic	220
C11	100p-100V	1	Capacitor Film	100
C1, C2	1n-100V	2	Capacitor Film	1000
C10, C20	470n-100V	2	Capacitor Film	u47
C21	1u-100V	1	Capacitor Electro Low ESR, 105°	
C22, C23	33u-35V	2	Capacitor Electro Low ESR, 105°	
C3, C4	100u-63V	2	Capacitor Electro Low ESR, 105°	
C8, C9, C19	BP1000u-16V	3	Capacitor Electro, Bipolar	
C12, C13	330u-25V	2	Capacitor Electro Low ESR, 105°	
C6, C7, C14, C15, C16, C17, C18	NC		Not connected	
L1	6uH	1	Inductor	
D1, D2, D3, D4	1N914	4	Signal diode	914 or 4148
D6, D7, D8, D9, D10, D11	1N4004	6	Rectifier diode	1N4004
D5	Red/Green	1	2 colors LED, 2 pins	
U1	NC			
U2	TL074CN	1	Quad Op-Amp	TL074CN
A1	SK25	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	
JMP1, JMP2	NC			
JMP3	1x4 pins	1	SIL pin header	
Jumper		2	Jumper	
DOA socket		7	Pin socket	
TP1, TP2, TP3, V+, V-, GND		6	Test pin	
P1	1KC+20KC	1	Potentiometer	<b>1KC-22KC</b>
P2	NC			
P3	2x1KA	1	Potentiometer	<b>1KA</b>
RLY1, RLY2		2	Relay DPDT 24V	
Main PCB		1	PCB REV1.4	
Gain knob		1	Knob 15mm	
Pad knob		1	Knob 13mm	
		1	MP 5.12 front pannel	
		1	Side plate	
Front pannel assembly	M3x8	2	Black screw countersunk	
PCB assembly	M3x6	4	Screw pan head	
Transfo. Assembly	M3x25	2	Screw pan head	
Transfo. Assembly	M3	6	Metal washer	
PCB assembly	M3	4	Shake-proof washer	
Transfo. Assembly	M3	2	Self locking nut	
T1	CMMI-8-PCA	1	Mic input transformer 1:8	
T2	CMOQ-2S	1	Line output Transformer 1+1:1+1	
Transfo. assembly		1	Double sided adhesive tape (2cm)	
<b>DI01</b>				
R9	220R	1	Resistor 1%, 1/4W	<b>RED-RED-BLK-BLK-BRN</b>
R11	470R	1	Resistor 1%, 1/4W	<b>YEL-VIO-BLK-BLK BRN</b>
R8	1K8	1	Resistor 1%, 1/4W	<b>BRN-GRY-BLK-BRN-BRN</b>
R4	4K7	1	Resistor 1%, 1/4W	<b>YEL-VIO-BLK-BRN-BRN</b>
R10	47K	1	Resistor 1%, 1/4W	<b>YEL-VIO-BLK-RED-BRN</b>
R5, R6	100K	2	Resistor 1%, 1/4W	<b>BRN-BLK-BLK-ORG-BRN</b>
R2	330K	1	Resistor 1%, 1/4W	<b>ORG-ORG-BLK-ORG-BRN</b>
R1	1M	1	Resistor 1%, 1/4W	<b>BRN-BLK-BLK-YEL-BRN</b>
R3, R7	2M2	2	Resistor 5%, 1/4W	<b>RED-RED-BLK-YEL-BRN</b>
C1	470n-100V	1	Capacitor Film	<b>u47</b>
C2	33u-35V	1	Capacitor Electro Low ESR, 105°	
C3, C4	330u-25V	2	Capacitor Electro Low ESR, 105°	
D1, D2, D3	1N914	3	Signal diode	<b>914 or 4148</b>
Q1	2N7000	1	N channel FET transistor	<b>2N7000</b>
Q2	2SK170	1	N channel FET transistor	<b>K170</b>

CN1	NYS2192	1	Stereo jack socket	
CN2		1	SIL pin header 2.54, 6 pins, length 18mm	
DI01PCB		1	PCB 75.5x20mm	
<b>SK25</b>				
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, R8	2K2	4	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				
Last modified : 15/04/2020				