



MP573 Parts list (1)

All the components in this list are included in the kit

Reference	Value	Qty	Description	Marking	Dim (2)
R27	7R5	1	Resistor 1%, 1/4W	VIO-GRN-BLK-SLV-BRN	
R24	12R	1	Resistor 1%, 1/4W	BRN-RED-BLK-GLD-BRN	
R20	47R	1	Resistor 1%, 1/4W	YEL-VIO-BLK-GLD-BRN	
R47	47R	1	Resistor 1%, 1/2W	YEL-VIO-BLK-GLD-BRN	
R67	220R	1	Resistor 1%, 1/4W	RED-RED-BLK-BLK-BRN	
R3, R18, R19, R22	270R	4	Resistor 1%, 1/4W	RED-VIO-BLK-BLK-BRN	
R37	390R	1	Resistor 1%, 1/4W	ORG-WHT-BLK-BLK-BRN	
R6, R33, R69	470R	3	Resistor 1%, 1/4W	YEL-VIO-BLK-BLK-BRN	
R26	820R	1	Resistor 5%, 1/2W	GRY-RED-BLK-BLK-BRN	
R9	1K	1	Resistor 1%, 1/4W	BRN-BLK-BLK-BRN-BRN	
R7, R13, R28, R43, R57	1K2	5	Resistor 1%, 1/4W	BRN-RED-BLK-BRN-BRN	
R14, R21, R25, R34, R46	1K5	5	Resistor 1%, 1/4W	BRN-GRN-BLK-BRN-BRN	
R38, R66	1K8	2	Resistor 1%, 1/4W	BRN-GRY-BLK-BRN-BRN	
R10, R36, R40	2K2	3	Resistor 1%, 1/4W	RED-RED-BLK-BRN-BRN	
R54	2K7	1	Resistor 1%, 1/4W	RED-VIO-BLK-BRN-BRN	
R8, R12, R44	3K9	3	Resistor 1%, 1/4W	ORG-WHT-BLK-BRN-BRN	
R4, R5, R11, R15, R62	4K7	5	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN-BRN	
R32	5K1	1	Resistor 1%, 1/4W	GRN-BRN-BLK-BRN-BRN	
R1, R2	6K8	2	Resistor 1%, 1/4W	BLU-GRY-BLK-BRN-VIO	
R16, R23, R35, R53, R56	10K	5	Resistor 1%, 1/4W	BRN-BLK-BLK-RED-BRN	
R51	12K	1	Resistor 1%, 1/4W	BRN-RED-BLK-RED-BRN	
R58	15K	1	Resistor 1%, 1/4W	BRN-GRN-BLK-RED-BRN	
R45	18K	1	Resistor 1%, 1/4W	BRN-GRY-BLK-RED-BRN	
R48	22K	1	Resistor 1%, 1/4W	RED-RED-BLK-RED-BRN	
R17	27K	1	Resistor 1%, 1/4W	RED-VIO-BLK-RED-BRN	
R30, R49, R50	33K	3	Resistor 1%, 1/4W	ORG-ORG-BLK-RED-BRN	
R31, R68	47K	2	Resistor 1%, 1/4W	YEL-VIO-BLK-RED-BRN	
R39, R41	56K	2	Resistor 1%, 1/4W	GRN-BLU-BLK-RED-BRN	
R29, R42	68K	2	Resistor 1%, 1/4W	BLU-GRY-BLK-RED-BRN	
R52, R63, R64	100K	3	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN	
R60	330K	1	Resistor 1%, 1/4W	ORG-ORG-BLK-ORG-BRN	
R55, 59	1M	2	Resistor 1%, 1/4W	BRN-BLK-BLK-YEL-BRN	
R61, R65	2M2	2	Resistor 5%, 1/4W	RED-RED-BLK-YEL-BRN	
PTC1		1	Thermistor PTC		R5
C16	100p-100V	1	Capacitor Film	100	R5
C5, C25	220p-100V	2	Capacitor Film	220	R2.5
C28	330p-100V	1	Capacitor Ceramic	331	R2.5
C2, C3, C4	470p-100V	3	Capacitor Ceramic	471	R2.5

C17	680p-100V	1	Capacitor Film	680	R5
C21	1n-100V	1	Capacitor Film	1000	R5
C15	1n5-100V	1	Capacitor Film	1500	R5
C26	4n7-100V	1	Capacitor Film	4700	R5
C9	10n-100V	1	Capacitor Film	0.01	R5
C34	470n-100V	1	Capacitor Film	u47	R7.5
C30, C31, C32, C33	1u-50V	4	Capacitor Ceramic	105	R5
C14, C24	10u-25V	2	Capacitor Tantale	106	R2.5
C20, C22	22u-16V	2	Capacitor Tantale	226	R2.5
C18, C35	33u-35V	2	Capacitor Electro Low ESR, 105°		D5R2
C27	100u-25V	1	Capacitor Electro Low ESR, 105°		D6.3R2.5
C1	100u-63V	1	Capacitor Electro Low ESR, 105°		D10R5
C6, C8, C19, C29, C36, C37	330u-25V	6	Capacitor Electro Low ESR, 105°		D6.3R2.5
C10, C11, C12, C13, C23	1000u-25V	5	Capacitor Electro Low ESR, 105°		D10R5
C7	1000u-35V	1	Capacitor Electro Low ESR, 105°		
D6, D7, D8, D9, D11, D12	1N914	6	Signal diode	914 or 4148	
D10	Red/Green	1	2 colors LED, 2 pins		D3
D1, D2, D3, D4, D5	1N4004	5	Rectifier diode	1N4004	
Q1, Q2, Q3, Q4, Q5	BC550C	5	NPN small signal transistor	550C	
Q6	2N6488	1	NPN power transistor	2N6488	
Q7	2N7000	1	N channel FET transistor	2N7000	
Q8	2SK170	1	N channel FET transistor	K170	
U1	LM317T	1	Variable voltage regulator	LM317	
U2	7909	1	Negative voltage regulator	7909	
U3	TL074CN	1	Quad Op-Amp	TL074CN	
T1	VTB9045	1	Mic input transformer 1:2		
T2	VTB1847	1	Line output transformer 1:1.5, gapped		
SW1	SPDT	1	Min toggle switch on/on, short lever, red cap		
SW2, SW3	DPDT	2	Min toggle switch on/off/on		
SW4	4 x 6 pos	1	Grayhill rotary switch 4 x 6		
CN1		1	SIL 2.54 connector 3 pins male		
CN2		1	DIL 2.54 socket 2x8 pins female		
CN2b		1	DIL 2.54 connector 2x8 pins male 90°		
CN3a		1	SIL 2.54 Socket 6 pins		
CN3b		1	SIL 2.54 Header 6 pins, length 18mm		
CN4	NYS2192	1	Stereo jack socket		
JMP1, JMP2 (for future use)			SIL 2.54 header 4 pins		
JMP3		1	SIL 2.54 header 2 pins		
		2	SIL 2.54 header 13 pins 90°		
Jumper		2	Jumper		R2.54
TP1, TP2, TP3, TP4		8	Test pin		D1
P1	1KA+4K7A	1	Dual potentiometer 1KA+4K7A		D6
P2	5K	1	Trimmer pot	502 or 5K	
RLY1, RLY2, RLY3		3	Submin relay DPDT 24V		

Q6 heatsink	13 K/W	1	Heatsink TO220	
PCB		1	PCB	
Trim knob		1	Knob	D12-6
Gain knob		1	Knob	D25-6.35
		1	MP573 front pannel	
		1	Side plate	
Front pannel assembly	M3x6	2	Black screw countersunk	
Cover assembly	M3x6	4	Screw countersunk	
PCB assembly	M3x25	4	Spacer male/fem	
Transfo. Assembly	M3x35	4	Screw countersunk	
Transfo. Assembly	M3x4	4	Spacers 4mm	
Input transfo. Assembly	M3	2	Nylon washer	
PCB assembly	M3	4	Lock washer	
Transfo. Assembly	M3	4	Self locking nut	
(1) Data can be changed without notice				
(2) Rx : spacing between leads or pins=x, Dx : diameter=x, Lx : Pot spindle length=x, Dimensions in mm unless differently stated				
PCB Rev 2.2				
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