



MP73 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	Dim (2)	Manuf.
R12	12R	1	Resistor 1%, 1/4W	BRN RED BLK GLD BRN		
R33, R34	47R	2	Resistor 1%, 1/4W	YEL VIO BLK BRN		
R10	75R	1	Resistor 1%, 1/4W	VIO GRN BLK GLD BRN		
R48	100R	1	Resistor 1%, 1/4W	BRN BLK BRN BRN		
R3, R4, R29, R37	150R	4	Resistor 1%, 1/4W	BRN GRN BRN BRN		
R8, R11	270R	2	Resistor 1%, 1/4W	RED VIO BRN BRN		
R47, R57	390R	2	Resistor 1%, 1/4W	ORG WHT BLK BLK BRN		
R43, R53	470R	2	Resistor 1%, 1/4W	YEL VIO BRN BRN		
R15	820R	1	Resistor 1%, 1/4W	GRY RED BLK BLK BRN		
R31, R62	1K2	2	Resistor 1%, 1/4W	BRN RED BLK BRN BRN		
R13, R14, R44, R54	1K5	4	Resistor 1%, 1/4W	BRN GRN RED BRN		
R38, R46, R56, R59	2K2	4	Resistor 1%, 1/4W	RED RED RED BRN		
R63	3K3	1	Resistor 1%, 1/4W	ORG ORG RED BRN		
R42, R52	5K1	2	Resistor 1%, 1/4W	GRN BRN RED BRN		
R58	5K6	1	Resistor 1%, 1/4W	GRN BLU RED BRN		
R1, R2	6K8	2	Resistor 1%, 1/4W matched to 1‰	BLU GRY RED BRN		
R45, R55	10K	2	Resistor 1%, 1/4W	BRN BLK ORG BRN		
R5, R6	12K	2	Resistor 1%, 1/4W	BRN RED BLK RED BRN		
R27, R32	15K	2	Resistor 1%, 1/4W	BRN GRN BLK RED BRN		
R9, R64	18K	2	Resistor 1%, 1/4W	BRN GRY BLK RED BRN		
R7	22K	1	Resistor 1%, 1/4W	RED RED ORG BRN		
R40, R50	33K	2	Resistor 1%, 1/4W	ORG ORG BLK RED BRN		
R26, R28, R41, R51	47K	4	Resistor 1%, 1/4W	YEL VIO BLK RED BRN		
R35, R60	56K	2	Resistor 1%, 1/4W	GRN BLU ORG BRN		
R39, R49, R61	68K	3	Resistor 1%, 1/4W	BLU GRY BLK RED BRN		
R17, R20, R23, R25, R30	100K	5	Resistor 1%, 1/4W	BRN BLK YEL BRN		
R16, R18, R19, R21, R22, R24	220K	6	Resistor 1%, 1/4W	RED RED YEL BRN		
R65	47R	1	Resistor 1%, 1W	YEL VIO BLK GLD BRN RED		
R36	1K1	1	Resistor 5%, 1/2W	BRN BRN RED GLD		
C4, C18, C28	100p-100V	3	Capacitor Film	100	R5	Wima
C38	220p-100V	1	Capacitor Film	220	R5	Wima
C41	330p-100V	1	Capacitor Film	330	R5	Wima
C20, C30	680p-100V	2	Capacitor Film	680	R5	Wima
C24, C34	1n-100V	2	Capacitor Film	1000	R5	Wima
C19, C29	1n5-100V	2	Capacitor Film	1500	R5	Wima
C39	4n7-100V	1	Capacitor Film	4700	R5	Wima
C9	10n-100V	1	Capacitor Film	0.01	R5	Wima

C2, C13, C16	100n-100V	3	Capacitor Ceramic	104	R5	
C17, C27, C37	10u-25V	3	Capacitor Tantale	10	R2.5	
C23, C25, C33, C35	22u-16V	4	Capacitor Tantale	22	R2.5	
C10	1u-50V	1	Capacitor Electro Low ESR, 105°		D5R2	Nichicon
C11, C12, C15, C21, C31, C43	33u-35V	6	Capacitor Electro Low ESR, 105°		D5R2	Nichicon
C8, C40, C42	120u-25V	3	Capacitor Electro Low ESR, 105°		D6.3R2.5	Nichicon
C1, C3	180u-63V	2	Capacitor Electro Low ESR, 105°		D10R5	Nichicon
C22, C32	330u-25V	2	Capacitor Electro Low ESR, 105°		D8R3.5	Nichicon
C5, C6	470u-35V	2	Capacitor Electro Low ESR, 105°		D10R5	Nichicon
C26, C36	1200u-16V	2	Capacitor Electro Low ESR, 105°		D10R5	Nichicon
C7, C14	2200u-35V	2	Capacitor Electro Low ESR, 105°		D16R7.5	Nichicon
D1, D2, D3, D4, D5, D6, D7, D9, D12	1N914	9	Signal diode	914 or 4148		
D10	1N4004	1	Rectifier diode	1N4004		
D11	Z18V-0.5W	1	Zener diode	C18PH		
D8	Red/Green	1	2 colors LED, 2 pins		D3	
Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9	BC184C	8	NPN small signal transistor	CBC184C		
Q10	2N6488	1	NPN power transistor	2N6488		
Q1	TIP126	1	PNP power darlington	TIP126		
U1, U2	TL074CN	2	Quad Op-Amp	TL074CN		
U3	LM317	1	Positive voltage regulator	LM317T or TS317		
T1	VTB9045	1	Mic input transformer 1:2			Carnhill
T2	VTB1847	1	Line output transformer 1:1.5, gapped			Carnhill
SW3	SPDT	1	Min toggle switch on/on			
SW1	SPDT	1	Min toggle switch on/on, short lever, red cap			
SW2	DPDT	1	Min toggle switch on/off/on			
CN1, CN2	2 term	2	PCB terminal blocks		R5	
CN3	26pins	1	IDC box header			
JMP1	1x4 pins	1	SIL pin header		R2.54	
V468 assembly	2x2 pins	1	DIL pin header 90°		R2.54	
Jumper		1	Jumper		R2.54	
TP1, TP2, TP3, TP4		4	Test pin		D1	
P1	2x10KB	1	Potentiometer	10KB	L16	Omeg
P2	2x10KB	1	Potentiometer	10KB	L18	Omeg
P7	1K	1	Trimmer pot	102 or 1K		
P6	5K	1	Trimmer pot	502 or 5K		
P3, P4, P5	20K	3	Trimmer pot	203 or 20K		
RLY1, RLY2, RLY3		3	Relay DPDT 12V	Orange case		
U3, Q1 heatsink	21 K/W	2	Heatsink TO220			
Q10 heatsink	13 K/W	1	Heatsink TO220			
Main PCB		1	PCB		92x200	
Input transfo. Assembly	SK468	1	PCB		30x37	
Input level knob		1	Knob		D23	
Input level knob		1	Cap		D23	
Output level knob		1	Knob		D16	

Output level knob		1	Cap		D16	
Front pannel		1	MP73 front pannel			
Front pannel assembly	M3x6	2	Stainless st. screw countersunk			
Transfo. Assembly	M3x30	4	Screw pan head			
Transfo. assembly	M3	4	Metal washer			
PCB, Transfo assembly	M3	8	Self locking nut			
Transfo. assembly		1	Cable tie		200x3.6	

(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

Schematic Rev 1.2

PCB Rev 1.2

Last modified : 01/12/2007