



EQ573 Parts list (1)

All the components in this list are included in the kit

Reference	Value	Qty	Description	Marking	Dim (2)
R15, R16	22R	2	Resistor 1%, 1/4W	RED-RED-BLK-GLD-BRN	
R13, R14	47R	2	Resistor 1%, 1/4W	YEL-VIO-BLK-GLD-BRN	
R1, R2	100R	2	Resistor 1%, 1/4W	BRN-BLK-BLK-BLK-BRN	
R66	180R	1	Resistor 1%, 1/4W	BRN-GRY-BLK-BLK-BRN	
R42, R43	220R	2	Resistor 1%, 1/4W	RED-RED-BLK-BLK-BRN	
R25, R28	620R	2	Resistor 1%, 1/4W	BLU-RED-BLK-BLK-BRN	
R52, R62	820R	2	Resistor 5%, 1W	GRY-RED-BLK-BLK-BRN	
R64	1K	1	Resistor 1%, 1/4W	BRN-BLK-BLK-BRN-BRN	
R40	1K8	1	Resistor 1%, 1/4W	BRN-GRY-BLK-BRN-BRN	
R7, R8	2K7	2	Resistor 1%, 1/4W	RED-VIO-BLK-BRN-BRN	
R47, R57	3K3	2	Resistor 1%, 1/4W	ORG-ORG-BLK-BRN-BRN	
R51, R61	3K6	2	Resistor 1%, 1/4W	ORG-BLU-BLK-BRN-BRN	
R53, R63	3K9	2	Resistor 1%, 1/4W	ORG-WHT-BLK-BRN-BRN	
R11, R24, R65	4K42	3	Resistor 1%, 1/4W	YEL-YEL-RED-BRN-BRN	
R36	4K7	1	Resistor 1%, 1/4W	YEL-VIO-BLK-BRN-BRN	
R26, R27	5K1	2	Resistor 1%, 1/4W	GRN-BRN-BLK-BRN-BRN	
R10, R29, R30	6K2	3	Resistor 1%, 1/4W	BLU-RED-BLK-BRN-BRN	
R33, R37, R38	6K8	3	Resistor 1%, 1/4W	BLU-GRY-BLK-BRN-BRN	
R35	7K5	1	Resistor 1%, 1/4W	VIO-GRN-BLK-BRN-BRN	
R34	8K2	1	Resistor 1%, 1/4W	GRY-RED-BLK-BRN-BRN	
R5, R6, R12, R32, R39, R41	10K	6	Resistor 1%, 1/4W	BRN-BLK-BLK-RED-BRN	
R31	12K	1	Resistor 1%, 1/4W	BRN-RED-BLK-RED-BRN	
R46, R56	27K	2	Resistor 1%, 1/4W	RED-VIO-BLK-RED-BRN	
R45, R55	39K	2	Resistor 1%, 1/4W	ORG-WHT-BLK-RED-BRN	
R22	68K	1	Resistor 1%, 1/4W	BLU-GRY-BLK-RED-BRN	
R3, R4, R9, R17, R18, R19, R20, R21, R23, R44, R54	100K	11	Resistor 1%, 1/4W	BRN-BLK-BLK-ORG-BRN	
R48, R58	120K	2	Resistor 1%, 1/4W	BRN-RED-BLK-ORG-BRN	
R49, R50, R59, R60	180K	4	Resistor 1%, 1/4W	BRN-GRY-BLK-ORG-BRN	
RZ1...RZ43	4M7	43	Resistor 5%, 1/4W	YEL-VIO-GRN-GLD	
C7, C8, C10, C79, C87	47p-100V	5	Capacitor Ceramic	470	R5
C1, C2	100p-100V	2	Capacitor Ceramic	101	R5
C48, C80, C88	470p-100V	3	Capacitor Ceramic	471	R5
C54, C81, C89	680p-100V	3	Capacitor Ceramic	681	R5
C49	150p-100V	1	Capacitor Film	150	R2.5
C51, C84, C92	1n-100V	3	Capacitor Film	1000	R5
C53	3n3-100V	1	Capacitor Film	3300	R5
C32, C33, C55	4n7-100V	3	Capacitor Film	4700	R5

C30, C31	6n8-100V	2	Capacitor Film	6800	R5
C28, C29, C46, C57, C58	10n-100V	5	Capacitor Film	0.01 ou 10n	R5
C34, C35, C47	15n-100V	3	Capacitor Film	0.015 ou 15n	R5
C26, C27, C59, C60	22n-100V	4	Capacitor Film	0.022 ou 22n	R6
C24, C25	33n-100V	2	Capacitor Film	0.033 ou 33n	R5
C36, C37, C61, C62	47n-100V	4	Capacitor Film	0.047 ou 47n	R5
C38, C39, C40, C41, C42, C43, C63, C64, C65, C74, C75	100n-100V	11	Capacitor Film	0.1 ou 100n	R5
C72, C73	220n-100V	2	Capacitor Film	0.22 ou u22	R5
C44, C45	330n-100V	2	Capacitor Film	0.33 ou u33	R5
C70, C71	470n-100V	2	Capacitor Film	0.47 ou u47	R5
C68, C69	1u-63V	2	Capacitor Film	1u	R5
C66, C67	2.2u-63V	2	Capacitor Film	2.2u	R5
C50, C52, C56	NC	3	not connected		
C78, C86	10u-25V	2	Capacitor Tantale	10u	R2.5
C9, C11, C12, C15, C16, C17, C18, C20, C21, C22, C23, C82, C90, C85, C93	33u-35V	15	Capacitor Electro Low ESR, 105°		D5R2
C13, C14, C94, C95	100u-25V	4	Capacitor Electro Low ESR, 105°		D6.3R2.5
C3, C4, C5, C6	100u-63V	4	Capacitor Electro Low ESR, 105°		D8R3.5
C19, C76, C77, C83, C91, C96	330u-25V	6	Capacitor Electro Low ESR, 105°		D8R3.5
L1	VTB9050	1	Inductor		
L2	VTB9043	1	Inductor		
D1, D2	1N914	2	Signal diode	914 or 4148	
D3, D4	1N4004	2	Rectifier diode	1N4004	
D5	Z10	1	Zener diode 10V-0.5W		
Q1, Q2, Q3, Q4, Q5, Q6	BC550C	6	NPN small signal transistor	550C	
U1	NE5532AN	1	Dual low noise Op-Amp	5532	
U2	THAT1646	1	Line driver		
U3	NC		Not connected		
SW1, SW2, SW5	2 x 6 pos	3	Rotary switch 2 x 6		
SW4	1 x 12 pos	1	Rotary switch 1 x 12		
SW3, SW6	DPDT	2	Min toggle switch vertical on/off/on		
U1, U2	8 pins	2	IC sockets		
CN2		1	SIL 2.54 connector 3 pins male		
MP573 link		2	Link wire connector 3pins female		
CN4a		1	SIL 2.54 header 10 pins 18mm		
CN4b		1	SIL 2.54 socket 10 pins		
JMP1, JMP2, JMP3		NC	SIL 2.54 header 2 pins		
CN1		1	DIL 2.54 header 2x40pins 90°		
CN3a, CN3b		2	DIL 2.54 header 2x8pins		
		2	Ribbon cable socket 2x8		
TP1, TP2, TP3, TP4, TP5		5	Test pin		D1
P1, P3	10KA	2	Lin potentiometer 16mm		

P2	50KA	1	Lin potentiometer 16mm	
		3	6mm/4mm shaft adapter	
		3	4mm/3mm shaft adapter	
	46mm	3	3mm shaft	
RLY1, RLY2		2	Relay DPDT 24V	
Main, switches, pots, I/O PCB		4	PCB	
Knob		4	12.7mm aluminium knob, black	D15-6
Knob		3	19mm aluminium knob, red	D21-6.35
		1	EQ573 front pannel	
		1	Side plate	
Front pannel assembly	M3x6	3	Black screw countersunk	
PCB assembly	M3x6	11	Screw pan head	
PCB assembly	M3x20	2	Spacer male/fem	
PCB assembly	M3x15	1	Spacer fem/fem	
PCB assembly	M3x25	3	Spacer fem/fem	
PCB assembly	M3	2	Shake-proof washer	
Rack mounting	#4-40 3/8"	2	Black machine Philips head screw	
Ribbon cable	16 cond	0.07		70
Shielded cable	2 cond+sh	0.22		
(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 1.4				
PCB Rev 1.4				
Last modified : 06/09/2020				