

V672X

Parts-List

Resistors					
Quantity	Position	Value	Type	Package	PCB
2	R46, R47	4R7	0,5W 1% MF	0207	V672A
1	R2	5R6	0,5W 1% MF	0207	MAIN
1	R45	10R	0,5W 1% MF	0207	V672A
3	R19, R23, R24	15R	0,5W 1% MF	0207	V672V
2	RE11, RE21	22R	0,5W 1% MF	0207	MAIN
2	RE12, RE22	120R	0,5W 1% MF	0207	MAIN
3	RE13, RE23, R38	300R	0,5W 1% MF	0207	MAIN
1	R44	330R	0,5W 1% MF	Radial, 0207	V672A
1	R21	750R	0,5W 1% MF	0207	MAIN
1	R37	1K	MT Trimmer	64Y	MAIN
3	RE14, RE24	1K1	0,5W 1% MF	0207	MAIN
	R22				V672V
2	R41	1K2	0,5W 1% MF	Radial, 0207	V672A
	R42			0207	V672A
2	R33, R34	1K21	0,5W 1% MF	0207	MAIN
1	RG1	1K6	0,5W 1% MF	0207	MAIN
1	R26	2K	MT Trimmer	64Y	MAIN
2	R1, R3	2K2	0,5W 1% MF	0207	MAIN
2	RE15, RE25	3K6	0,5W 1% MF	0207	MAIN
1	R29	5K	MT Trimmer	64Y	MAIN
1	R27	5K1	0,5W 1% MF	0207	MAIN
3	R17, R20	5K6	0,5W 1% MF	0207	V672V
	RG2				MAIN
1	R28	6K2	0,5W 1% MF	0207	MAIN
1	R11	6K8	0,5W 1% MF	0207	MAIN
2	RP1, RP2	6K81	0,5W 1% MF	0207	MAIN
1	R12	8K2	0,5W 1% MF	0207	MAIN
3	R18	10K	0,5W 1% MF	0207	V672V
	R43				V672A
	RLED1				MAIN
3	RE16, RE26, RG3	12K	0,5W 1% MF	0207	MAIN
1	R14	16K	0,5W 1% MF	0207	V672V
4	R7, R8, R9	18K	0,5W 1% MF	0207	MAIN
	R16				V672V
3	R4, R32, RG4	20K	0,5W 1% MF	0207	MAIN
2	R6, RP3	22K	0,5W 1% MF	0207	MAIN
1	RG5	33K	0,5W 1% MF	0207	MAIN
1	R31	43K	0,5W 1% MF	0207	MAIN
1	R36	47K	0,5W 1% MF	0207	MAIN
1	RG6	51K	0,5W 1% MF	0207	MAIN
1	R13	56K	0,5W 1% MF	0207	V672V
1	RG7	75K	0,5W 1% MF	0207	MAIN
1	RP4	100K	0,5W 1% MF	0207	MAIN
1	RG8	110K	0,5W 1% MF	0207	MAIN
1	RG9	160K	0,5W 1% MF	0207	MAIN
1	RG10	240K	0,5W 1% MF	0207	MAIN
1	RG11	360K	0,5W 1% MF	0207	MAIN

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Capacitors					
Quantity	Position	Value	Type	Spacing	PCB
1	C8	6-80pF	Variable		MAIN
2	C12	82pF	Ceramic	5mm	V672V
	C13				V672V
1	C41	150pF	Ceramic	2,5mm	V672A
1	C22	2n7F	Styroflex	15mm	MAIN
1	C19	10nF	WIMA MKS2	5mm	MAIN
1	C42	22nF	Ceramic	2,5mm	V672A
2	CPS3	100nF	WIMA MKS2	5mm	MAIN
	CPS4				MAIN
2	C16	470nF	WIMA MKS2	5mm	MAIN
	C17				MAIN
1	CP1	22µF / 63V	Electrolytic	Radial, 2,5mm	AMP
4	C1	100µF / 25V	Electrolytic	Radial, 2,5mm	AMP
	C3				AMP
	C4				AMP
	C18				AMP
3	C2	220µF / 25V	Electrolytic	Radial, 3,5mm	MAIN
	C11				MAIN
	C14				MAIN
1	C27	1000µF / 25V	Electrolytic	Radial, 5mm	MAIN

Diodes					
Quantity	Position	Value	Type	Package	PCB
9	D2	1N4148		DO35	MAIN
	D3				MAIN
	D4				V672V
	D5				V672V
	DP1				MAIN
	D41			DO35, Radial	V672A
	D42			DO35, Radial	V672A
	D43			DO35, Radial	V672A
	D44			DO35, Radial	V672A
2	D1	1N4007		DO41	MAIN
	D6				MAIN
1	LED1	3mm	red		MAIN

Transistors / Ics					
Quantity	Position	Value	Type	Package	PCB
1	T45	2N2219A		TO39	V672A
1	T46	2N2905A		TO39	V672A
5	T3	BC550C		TO92	V672V
	T6				V672V
	T7				V672V
	T44				V672A
	TP1				MAIN
4	T4	BC560C		TO92	V672V
	T41				V672A
	T42				V672A
	T43				V672A
1	T1	BCY59 IX		TO18	MAIN
1	T2	BCY79 IX		TO18	MAIN
1	IC1	UA741		DIP8	MAIN

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Parts-List

Transformers / Inductors					
Quantity	Position	Value	Type	Package	PCB
1	Ü1	Haufe RK240*			MAIN
1	Ü2	Haufe RK356*			MAIN
1	L1	220µH	Fixed Choke		V672V

Mechanical Parts / Switches / Misc.					
Quantity	Position	Value	Type	Package	PCB
1	PCB	V672X	rev03		
1	PCB	V672V	rev03		
1	PCB	V672A	rev03		
1		Frontpanel*			
2		Allen screw			
1		L-Bracket	GL		
4		Screws		3mm	
4		Spring Washers		3mm	
1	S1	Grayhill Series71	1x12	Stopped to 11	MAIN
1	S5	Grayhill Series71	2x06		MAIN
2		ELMA wing Knob	14,5mm	black	
2		ELMA knob cap	14,5mm	red	
1	S2	Toggle Switch	SPDT	ON-ON	MAIN
1	S3				MAIN
1	REL1	Relay	TQ2-24V	DPDT (2 Form C)	MAIN
1	S4	Pushbutton Switch	2PDT		MAIN
1		Pushbutton		red	
1		2,54mm 90° Headers			

* not included in the parts kit