

STU.915.301.500

Parts-List rev03

Resistors					
Quantity	Position	Value	Type	Package	PCB
1	R27	6R8	0,5W 1% MF	0207	
1	R25	22R	0,5W 1% MF	0207	
2	R29	33R	0,5W 1% MF	0207	
	R30				
1	R24	330R	0,5W 1% MF	0207	
1	R17	332R	0,5W 1% MF	0207	
1	R26	500R	MT Trimmer	64Y	
1	R31	536R	0,5W 1% MF	0207	
1	R13	560R	0,5W 1% MF	0207	
2	R32	680R	0,5W 1% MF	0207	
	R33				
1	R15	1K	0,5W 1% MF	0207	
1	R18	1K1	0,5W 1% MF	0207	
1	R9	1K15	0,5W 1% MF	0207	
2	RR1	1K2	0,5W 1% MF	0207	
	RR2				
1	R34	1K5	0,5W 1% MF	0207	
1	R28	2K2	0,5W 1% MF	0207	
1	R11	4K53	0,5W 1% MF	0207	
1	R14	5K LIN Potentiometer			097A
2	RP1	6K81	0,5W 1% MF	0207	
	RP2				
2	R19	8K45	0,5W 1% MF	0207	
	R22				
2	R16	10K	0,5W 1% MF	0207	
	RLED1				
1	R21	10K	MT Trimmer	64Y	
1	R7	16K9	0,5W 1% MF	0207	
1	RP3	22K	0,5W 1% MF	0207	
1	R23	33K	0,5W 1% MF	0207	
2	R5	82K	0,5W 1% MF	0207	
	R6				
1	RP4	100K	0,5W 1% MF	0207	
1	R12	1M	0,5W 1% MF	0207	
2	R8	10M	0,5W 1% MF	0207	
	R20				

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Capacitors					
Quantity	Position	Value	Type	Spacing	PCB
2	C7	22pF	Ceramic	5mm	
	C14				
2	C18	100pF	Ceramic	5mm	
	C19				
1	C4	470pF	Ceramic	5mm	
1	C20	680pF	Ceramic	5mm	
2	C2	1nF	Ceramic	5mm	
	C3				
1	C12	6n8F	WIMA FKP2	5mm	
2	C25	10nF	Ceramic	5mm	
	C26				
4	CBP21	100nF	WIMA MKS2	5mm	
	CBP22				
	CBP23				
	CBP24				
3	C9	220nF	WIMA MKS2	5mm	
	C10				
	C16				
1	C5	1µF / 35V	Tantal	2,5mm	
2	C8	10µF / 16V	Tantal	2,5mm	
	C15				
1	CP1	22µF / 63V	Electrolytic	Radial, 2,5mm	
2	C11	220µF / 6,3V	Bipolar Electrolytic	Radial, 3,5mm	
	C17				
2	C23	220µF / 25V	Electrolytic	Radial, 3,5mm	
	C24				
2	C21	1000µF / 25V	Electrolytic	Radial, 5mm	
	C22				

Diodes					
Quantity	Position	Value	Type	Package	PCB
1	DP1	1N4148		DO35	
4	D1,D2 DR1,DR2	1N400X		DO41	
1	LED1	Red		3mm	

Transistors					
Quantity	Position	Value	Type	Package	PCB
1	Q1	BD135		TO126	
1	Q2	BD136		TO126	
1	QP1	BC550		TO92	

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ICs					
Quantity	Position	Value	Type	Package	PCB
3	IC1	NE5534	Opamp	DIP8	
	IC2				
	IC3				
1	IC3	CNY17	Optocoupler	DIP6	

Transformers					
Quantity	Position	Value	Type	Package	PCB
1	T1	Input Transformer			
		Haufe ST8456* / Lundahl LL1535*			
1	T2	Output Transformer			
		Haufe RK173* / Pikatron RÜP307**			

Mechanical Parts / Switchs / Misc.					
Quantity	Position	Value	Type	Package	PCB
1	PCB	915301	rev03		
1	PCB	097A	rev01		
1		Frontpanel*			
1		L-Bracket	GL		
2		Allen screw		3mm	
4		Screws		3mm	
4		Spring Washers		3mm	
1	S1	Grayhill Series71	2x06		
1		ELMA wing Knob	14,5mm Grey with red cap		
1		ELMA Knob	14,5mm Grey with red pointer and grey cap		
1	S2	Toggle Switch	DPDT	ON-ON	
1	S3	Toggle Switch	SPDT	ON-ON	
2	REL1 REL2	Relay	TQ2-24V	DPDT (2 Form C)	
1	S4	Pushbutton Switch	2PDT	with red cap	
1		2,54mm 90° Header			
3		DIP8 Sockets			

* not included, but can be ordered with the kit

** not included in any kit, needs to be sourced elsewhere