



Bill of material.txt

QTY	PART-REFS	VALUE	PACKAGE

Resistors			

1	R1	560	RES40
1	R2	1K	RES40
1	R3	8.2K	RES40
6	R4,R5,R6,R7,R8,R9	47k	RES40
1	R10	18K	RES40
1	R11	0	RES40
1	R12	4.7M	1206
3	R13,R18,R20	10k	RES40
1	R14	22k	RES40
1	R15	4.7K	RES40
1	R16	1.5k	RES40
2	R17,R19	1k	RES40
1	R23	4,7M	1206
Capacitors			

4	C1,C3,C10,C11	100nF	1206
1	C2	100nF	CAP20
1	C4	1uF	1206
1	C5	100uF/25V	ELEC-RAD10
1	C6	470uF/25V	ELEC-RAD10
2	C7,C9	100uF/16V	ELEC-RAD10
1	C8	10uF	CAP20
1	C12	100nF/400V	CAP20
Integrated Circuits			

1	U1	LM324	DIL14
1	U2	7808	P1
1	U3	7908	P1
Transistors			

2	Q1,Q3	BC547	TO92/18
1	Q2	IRLZ44N	TO220
Diodes			

1	D1	DIODE	DIODE30
1	D2	12V	DIODE30
1	D3	LED Red	LED
Miscellaneous			

1	BR1	BRIDGE 5A in line	BRIDGE1
1	BR2	BRIDGE 1A square	BRIDGE2
1	BUTTON#006A		
1	FU1	1A	CONN-SIL2
1	J1	PU	PIN
1	J2	Pompe	CON1
1	J3	24VAC	CON1
1	J6	2x10VAC	CON2
1	P1	10k	POTDS
1	RL1	12V	RELAIS1
1	RV2	2.2k	PRE-SQ1
1	RV3	500	PRE-SQ1
1	RV4	10k	PRE-SQ1
1	SW1	ON/OFF	CONN-SIL4
1	TR1	TRANSFO 24VAC torique	

