

	Reference	Value	Type	RM [mm]	Size / Case	Special
Semiconductors						
1	PA1	LM4780TA			TO220 27-LEAD	National Semiconductor
2	OA1-2	OPA134PA			8DIP300	See text
1	IC1	CD4020			16DIP300	
1	VR1	7812			TO220	
1	VR2	7912			TO220	
2	Q1, 2	BC556			TO92	
5	Q3,4, 6-8	BC546			TO92	
1	Q5	BD140			TO126	
1	RECT1	KBU8				
12	D2, 4-8, 10-15	1N4148		10.0	DO35	
1	D9	18V/1.3W		10.0	DO41	See text
2	D1, 3	6V8/1.3W		10.0	DO41	See text
Capacitors						
2	C24, 25	15-22G/35-40V	Elyt Snap in	10.0	Ø 35	See text
2	C17, 23	220u/25V	Elyt	3.5	Ø 8	
2	C18, 19	100u/50V	Elyt	3.5	Ø 8	
4	C31, 32, 33, 34	100u/10V	Elyt	2.5	Ø 5	
2	C30, 36	47u/16V	Elyt	2.5	Ø 5	
1	C35	10u/25-50V	Elyt	2.5	Ø 5	
2	C11, 15	1u/63V nebo 47u/16V	Foil / Elyt	5	7.2X5.0	
8	C1, 4, 5, 8, 10, 14, 21, 22	1u/63V	Foil	5	7.2X5.0	
1	C20	220n/100V	Foil	5	7.2X5.0	
4	C26-29	47n/100V	Foil	5	7.2X2.5	
2	C12, 13	1n/100V	Foil	5	7.2X2.5	
4	C2, 3, 6, 7	68p/500V	Ceramic	5	7.2X2.5	
2	C9, 16	47p/500V	Ceramic	5	7.2X2.5	
Resistors						
6	R12, 15, 20, 23, 60, 61	100K/1%	metal	10.0	0207	
4	R18, 74, 75, 78	22K/1%	metal	10.0	0207	
4	R79, 80, 82, 83	4K7/1%	metal	10.0	0207	
20	R1, 11, 13, 17, 22, 24, 25, 26, 76, 77, 81	10K/1%	metal	10.0	0207	
2	R14, 21	330R/1%	metal	10.0	0207	
2	R16, 19	150R/1%	metal	10.0	0207	
20	R49-53, 55-59, 63-67, 69-73	47R/1%	metal	10.0	0207	
4	R48, 54, 62, 68	4R7/1%	metal	10.0	0207	
2	R27, S1	2R2/1%	metal	10.0	0207	
20	R28-47	1R/1%	metal	10.0	0207	
Other						
2	L1, 2	15 turns Ø1.3-1.4 on dia Ø8	drátová	20.0	20X10	
2	FU1, 2	3.15AF			5x20	
2	FU1, 2	Fuse holder PTF/78				STELVIO, see text
2	FU1, 2	Fuse cover BS232				STELVIO, see text
2	RE2, 3	Relay				See text
1	RE1	Relay				See text
1	JP1	MLW20G				
2	JP2, 3	JUMPER 3		2.5		Viz text
1	JP4	JUMPER 2		2.5		Viz text
8	JP5	WAGO256-74 X 10				WAGO, see text
1	COO1	Heatsink, Profil No 8115				Pada, see text
2	Precidip 8	IC socket				See text
1	Precidip 16	IC socket				See text