

Bill Of Materials

Qty	Reference	Part
2	R3,R7	resistor 1/4W 3.3 KOhm
1	R6	resistor 1/4W 120 Ohm
1	R8	resistor 1/4W 220 KOhm
3	R10,R18,R25	resistor 1/4W 10 KOhm
2	R11,R16	resistor 1/4W 22 KOhm
2	R12,R13	resistor 1/4W 47 KOhm
1	R14	resistor 1/4W 82 Ohm
3	R17,R23,R24	resistor 1/4W 270 Ohm
4	R19,R20,R21,R22	resistor 1/4W 49.9 Ohm
1	R26	resistor 1/4W 2.32 Kohm 1% metalfilm
3	R27,R28,R29	resistor 1/4W 220 Ohm
2	C1,Ce1	ELCO RAD 4.700/35
1	C2	ELCO RAD 100/35
2	C3,C5	ELCO RAD 1.000/16 or 25
1	C4	ELCO RAD 100/16 or 25
5	C6,C7,C8,C16,C17	Ceramic capacitor 100 nF
2	C9,C10	Capacitor 220 nF
1	C13	ELCO RAD 10/35
2	C14,C15	Ceramic capacitor 15 pF
1	D1	1N5822 / SB340
1	D2	SB160 / 1N5818
1	LED1	LED Yellow
1	LED2	LED Green
3	LED3,LED4,LED5	LED B-3 GN
1	T1	BC337
1	U1	ATMEGA168 DIP28 with socket
1	U2	ENC28J60 DIP28 with socket
1	U3	LM311 with socket
1	VR1	LM2576-12
1	VR4	LM317
1	VR2	LM2575 -3V3 or P3596L3.3
1	F1	PFRA 300
1	GR1	KBU6
1	J1	AKL330/02 + AKL349/02
2	J2,J3	D-SUB BU 09EU
1	J4	MagJack 08B0-1X1T-06-F
2	J5,J6	MEBP 6-6S
1	ICSP1	HEADER 3X2
2	JP1,JP2	2 pin header + jumper
1	L1	INDUCTOR FED100
1	L2	77A 330 u
1	L3	Inductor 100 uH
1	X1	CRYSTAL 25 MHz
1	SW1	Dip switch 3
1	Cooling	V PR127/94-M3
2	Clips TO-220	MC 725
4	mounting supports	DA4 10mm
4	screws	M4 x 10
1	screw	M3 x 10
1	nut	M3
2	screws	M3 x 6