User manual can be found in our webshop: http://svet-el.si/english/				
5KIT0047				
PWM III - power supply, current generator, accu charger / discharger				

5KIT0047 (5KIT0055 + enclosure material)

5KIT0055	PWM III - power supply, current generator, accu charger / discharger			
1	PCB PWM III - power supply, current generator, accu charger / discharger		1TIV0125	PCS.
1	IC LM358 N (=HA 17358)		1ELU0143	PCS.
1	CPU AT MEGA 328P - PU DIL28		5ELU0005	PCS.
1	IC INA139	glue on the paper	1ELD0066	PCS.
1	DIL28 socket		1CON0035	PCS.
1	DIL8 socket		1CON0036	PCS.
1	resistor 0R1, 5W	R5	1ELR0006	PCS.
1	resistor 0R47, 5W	R13	1ELR0007	PCS.
1	resistor 2K2, 1/4W	R3	1ELR0077	PCS.
1	resistor 10E, 1/4W	R2	1ELR0027	PCS.
7	resistor 10K, 1/4W	R4,6,8,9,11,12,16;....(R16_not on PCB // R10 - not used in encoder version)	1ELR0200	PCS.
1	resistor 47E, 1/4W	R7	1ELR0065	PCS.
2	resistor 100K, 1/4W	R1, 14	1ELR0010	PCS.
8	CAP.CER. 100N	C1,4,5,6,7,12,14,17	1ELC0028	PCS.
2	CAP.CER. 100n - smd (1206)	glue on the paper: C15,16	1ELC0029	PCS.
3	CAP.CER. 470n	glue on the paper: C2,11,18	1ELC0009	PCS.
2	CAP.CER. 22p	C8,9	1ELC0094	PCS.
1	CAP.CER. 330n	C13 - glue on the paper	1ELC0041	PCS.
2	CAP.CER. 10u - smd 1206	or 1 x 22uF……(glue on the paper)	1ELC0001	PCS.
1	CAP.EL. 4U7 / 25V	C19 - on LCD	1ELC0020	PCS.
1	CAP.EL. 4700U / 35V		1ELC0020	PCS.
1	DIODE 1N4148 - smd (1206)	D3	1ELD0070	PCS.
2	DIODE BAT85 (42)-shotky	D1,4	1ELD0010	PCS.
2	DIODE SCHOTTKY MBRS340T3G 40V 3A	D2,5: on the bottom of PCB	1ELD0005	PCS.
1	PIEZZO YFM 9650-SP 05 - PWM		1ELX0004	PCS.
1	CHOKE 100 uH		1ELU0118	PCS.
1	CRYSTAL 16 000 MHz		1ELQ0012	PCS.
1	DISPLAY NOKIA LCD 84 x 48 - white		1ELU0032	PCS.
1	IC LM7805-TO220	IC2	1ELC0055	PCS.
1	BDX53C	Q1 - on the Copper clip-on	1ELT0024	PCS.
1	IRF 3205	Q2 - on the Copper clip-on	1ELU0140	PCS.
2	Mica and mica washer TO 220	TO220, BDX and IRF	1ELU0171	PCS.
2	2-pole terminal for PCB		1CON0039	PCS.
1	GREATZ RS402 (KBU 6K)		1ELD0060	PCS.
1	resistor TRIM 5k - 64W	RT2	1ELR0192	PCS.
1	resistor TRIM 10k - 64W	RT1	1ELR0207	PCS.
1	resistor TRIM 100k - 64W	RT3	1ELR0260	PCS.
2	Copper clip-on heatsinks - L200	for LM7805	1HLR0001	PCS.
1	Screw M3	for LM7805	1ELC0057	PCS.
1	Bolt M3	for LM7805	1ELC0059	PCS.
ENCLOSURE				
0,2	FLAT CABLE 10 LINES, 0.14, AWG28	for connecting the NOKIA_5 lines and the encoder_4 lines	1KAB0017	meter
0,9	CABLE 1 line_0,35mm_one color	15 cm for each connection (IRL, BDX) - 3 colors	1KAB0012	meter

4	Screw M3	For (Copper clip-on 75x40x25)_3x + LM7805_1x	1ELC0057	PCS.
1	PP79A - enclosure		PP79N-SE	PCS.
14,5	Adhesive tape for display	View instructions		cm
1	Copper clip-on 75x40x25	4 holes M3	1HLR0003	PCS.
1	HOUSING FOR FUSE round to the housing		1OHI0021	PCS.
1	FUSE 500mA /T		1VAR0002	PCS.
1	Switch - black ON / OFF		1CON0091	PCS.
1	BUTTON ALU_PLA 20/6		1CON0042	PCS.
1	ENCODER with switch PEC11		1CON0056	PCS.
1	Connector black - power		1CON0126	PCS.
1	Connector red - power		1CON0125	PCS.
0,13	CABLE red/black - 0,75 fi	for Connector black/red - power	1KAB0019	meter
0,25	CABLE THERMAL shrink all	Red 20 cm (cut to 1.5cm long pieces) + Blue 5 cm (cut to 2.5cm long pieces for cable 220V)	1KAB0004	meter
1	CABLE 220V - flat	For DC power	1KAB0010	PCS.
1	Cable Gland 6mm	For red/black power cable	1ELX0008	PCS.
1	Transformer 230//10V/5A, 8V/6A - 50VA		1TRF0010	PCS.
1	Screw 25mm + nut PWM - drilling	for transformer	1ELC0058	PCS.
1	Mica and mica washer paste in the bag	fot 2 x TO220	1XXX0013	PCS.