

Component list**APT088A - AUTV/2000LD**

Part Name Code	Description	Qty
APT084ASF	CASSETTO AMPLIF. UHF 1kW LDMOS 220V	2
APG016A	CARICO FITTIZIO 50Ω 1kW UHF	1
06641	BAND PASS FILTER UHF 1kW CL4NL22 7/16	1
APG012B	CASSETTO CONTROLLO AMPLIFICATORE	1
06816A	ACCOP. 3dB IBRIDO 2.5kW UHF m/f	1
MTG0045AR0	ACCOP. DIR. CON PRELIEVO -50/-40dB	1
CMS6006	CAVO 1/2" DA 1mt CONN. 7/16(M) BN203391	1
CMS6007	CAVO 1/2" DA 2mt CONN. 7/16(M) BN203388	1
06811B	ACCOP. IBRIDO 3dB 300W CON CARICO 20W	1
02408	SP 10/12 90° 7/16 M+F 90°	1
08510	CABLE RG213 50Ω	3,20
02201	CONNET. Nm x RG213 GE 15015 C4	5
02230	R161270000 (N flg. RG213)	1
08504	CABLE RG58 50Ω	5,50
02015	R141082161 BNC A CRIMP. x RG58	5
02502	J01150A0041 SMA x RG58/c	1
02576	TAPPO RIV. CON HP 2800	2
02205	NM 90° x RG58 CRIMPARE GE 15142 D/60	2
08503	CABLE RG303 50Ω	0,20
07625A	CONDENSATORE 3uF CON FILI	1
07620	GRIGLIA ALTA G025001-00-01	1
07625	VENTOLA EBM A2E250-AM06-13	1
07622	BOCCAGLIO BOCC. 250 AL	1
02871	CALOTTE PER DB9 cod. 525-2620	2
02791	CONNETTORE DB9M x CAVO 525-2600	2
V0762	TAPPI NERI O 15.9 PLASTICA DP-625	1
M0800	GUIDA DIN PROFILATA OMEGA Z002 SEM	3
V0958	ACCESSORIO GUIDA DIN ELECO E205	6
05597	POST. x RACK 28U VER CON0099R0	1
CON0057	CON0057R1 CHIUS. SUP. RACK PER AUTV 2kW	1
Z0500	TAV. 1081/E GUIDA RACK 3000W P.2328 ZN	10
DET0462	DET0462R0 BARRA x RACK SOSTEGNO PAV ZN	2
DET0434	DET0434R2 ANCORAGGIO FLANG. 7/8 CON RACK	1
DET0391	DET0391R0 BARRA FISS. ACC. INP AUDIO 5kW	1
DET0538	DET0538R0 PIASTRA ANCOR. ACC. DIR. FIL. 2kW	1
DET0537	DET0537R0 PIASTRA ANCOR. ACC. DIR. FIL. 2kW	1
DET0536	DET0536R0 ANGOLARE FISS. FILTRO 2kW COMT.	2
DET0535	DET0535R0 BARRA FISS. FILTRO 2kW COMT.	2
V0962	MORSETTIERA/GIUNZIONE ELECO E806	3
09627	CASSETTO TRASF. SEPARAT. DI RETE 8kVA	1
07627B	SPINA PROT.B.T. 32A 2P+T 220V GW60015	1
07627C	PRESA VOL. 32A 2PT 220V GW62015	1
R0154	RACK 28U 565x1000	1
PAN0017	PAN0017R0 PANNELLO AVANTI DIETRO	1
02571	CARICO BNC 1/2W 50Ω	2

Component list**APG012B - Amplifier Control**

Part Name Code	Description	Qty
CON0145	CON0145R0 POST.CASS.CONTROLLO APG012B	1
05504	CON0134R0 PIANO prof.260 ARE.p.02047 ZN	1
05525	LAT. 3U PROF.260 TAV.424/A p.2033 ZN	2
PAN0066	PAN0066AR0 PANNELLO CONTR.APG012B 3U	1
CON0135	CON0135AR0 BASE CASS.CONTR.X APG012 ZN	1
05552B	KIT MANIGLIE 3-4U cod 235.12	2
02880	SPINA VDE 10A + INT.+FUS DA PANN.BZ15011	1
SCH0109BR0	SCHEDA MASTER CON DISPLAY	1
SCH0110BR0	SCHEDA 3 IN.ANALOGICI MASTER APG012B	1
SCH0152AR0	SCHEDA COMMUTAZIONE 220VAC X APG012B	1
SCH0153AR0	SCHEDA IN/OUT DIGITAL SIGNAL X APG012B	1
E0016	ALIM. SWITCHING S-50-24	1
07926	PROTEZIONE IN GOMMA PVC PG 987	1
02843	SPINA SCHERM. 2 POLI cod. 525.2552	2
02844	PRESA SCHERMATA 2 POLI cod.525.2542	2
02695	CONNETTORE DB9F X CAVO 525-2810	1
02856	CONNETTORE DB25F X CAVO 525-2812	1
07925	PROTEZIONE IN GOMMA PVC PG 075	1
07524A	INTERR. NERI I3910	1
02018	GE 35145D/22 BN(UG909/cxRG174)	1
02035	PRESA BNC/F X RG 316 COD.60140	1
08500	CAVO RG 174 50Ohm	0,3
02700	CONNETTORE COD.534-2303 FEM.16 VIE	1

COMPONENT LIST SCH0109BR0

Part Name/Number	Description	Qty.	Comps.	Page 1/3
BATT BH001RB 3093_90	03093 03090 BATTERY HOLDER	1	BATT1	
BZ AI-155 03705	03705 5VDC BUZZER	1	BZ1	
CC 100nF-S 01065C	01065C Y5V 1206 COND	25	C2	
			C6	
			C8	
			C18	
			C22	
			C24	
			C30-31	
			C33-35	
			C38-42	
			C45	
			C47	
			C52	
			C57-58	
			C63	
			C66-67	
			C69	
CC 10nF-S 01053B	01053B SMD 1206 COND	1	C29	
CC 1206 NOT MOUNTED	NOT MOUNTED SMD 1206 COND	1	C17	
CC 15pF-S 01088	01088 SMD 1206 COND	2	C46	
			C54	
CC 1nF-S 01096	01096 SMD 1206 COND	18	C9-16	
			C32	
			C37	
			C53	
			C59-62	
			C64-65	
			C68	
CE 1uF50V-S 01763A	01763A ELETTR SMD COND	5	C19-21	
			C23	
			C36	
CE 22uF35V-S 01782A	01782A ELETTR SMD COND	8	C25-28	
			C48-51	
CE 47uF50V-S 01791C	01791C ELETTR SMD COND	9	C1	
			C3-5	
			C7	
			C43-44	
			C55-56	
D 1N4148-S 03002	03002 SMD DIODE	3	D10-12	
D 1N5822 03022	03022 SCHOTTKY DIODE	1	D9	
D BAS85-S	03024 SMD DIODE SCHOTTKY	8	D1-8	

Part Name/Number	Description	Qty.	Comps.	Page 2/3
DIS WG240128B	03083 240/128 DOT MATRIX LCD	1	LCD1	
DL KA-3528EC 03056	03056 RED SMD LED DIODE	1	DL5	
DL LEDG3 03053	03053 GREEN LED DIODE 3mm	1	DL2	
DL LEDR3 03058	03058 RED LED DIODE 3mm	4	DL1	
			DL3	
			DL6-7	
DL LEDY3 03051	03051 YELLOW LED DIODE 3mm	1	DL4	
IC 24LC64 04815	04815 SMD INTEG CIRCUIT	1	IC2	
IC 74HC00-S 4762A	4762A SMD INTEG CIRCUIT	1	IC4	
IC 82B715-S 04734A	04734A SMD INTEG CIRCUIT	1	IC9	
IC LM2598T-5.0 4871	04871 INTEG CIRCUIT	1	IC6	
IC LM75-S 00668	00668 SMD INTEG CIRCUIT	1	IC7	
IC LMV324M-S 04658B	04658B SMD INTEG CIRCUIT	5	IC10-11	
			IC13-15	
IC M41T56 04611	04611 SMD INTEG CIRCUIT	1	IC1	
IC MAX232-S 04804B	04804B SMD INTEG CIRCUIT	1	IC5	
IC MAX3080-S 04770	04770 SMD INTEG CIRCUIT	1	IC8	
IC MAX3080-S N.M.	NOT MOUTED SMD INTEG CIRCUIT	1	IC3	
IC MC14094BD 04718	04718 SMD INTEG CIRCUIT	2	IC16-17	
IC PIC17C75X 04807A	04807A 7510B---SMD INTEG CIRCU	1	IC12	
IC ULN2003A 4870	04870 SMD INTEG CIRCUIT	1	IC18	
IND 3u9H-S 05030	05030 INDUCTOR	1	L4	
IND T100uH-1.8A 4958	04958 TOROIDAL-STORAGE CHOKES	1	L2	
IND VK200 05013	05013 INDUCTOR	2	L1	
			L3	
INV IN-D43A-5V	03085 DC/AC MODULE	1	INV1	
J DB9_F-0° LT	02794 PCB CONNECTOR DB9 LONG T	1	J2	
J FC-10P 02697-02699	02697+02699 PCB CONNECTOR POL	2	J5	
			J7	
J FC-16P 02701-02700	02701+02700 PCB CONNECTOR POL	2	J6	
			J8	
J FC-26P 02855-02854	02855+02854 PCB CONNECTOR POL	1	J4	
J PAN2 02739-40-41	02739+02740+02741 PCB CONNECTO	1	J1	
J SCREWCONN2 02853	02853 PCB SCREW CONNECTOR	1	J3	
R 100K-S 00065A	00065A RES 1/4W 5% SMD 1206	1	R51	
R 100R-S 00029A	00029A RES 1/4W 5% SMD 1206	8	R39-42	
			R45-48	
R 10K-S 00053A	00053A RES 1/4W 5% SMD 1206	19	R9-11	
			R13	
			R21-26	
			R29	
			R31-32	
			R34	
			R38	
			R49-50	

Part Name/Number	Description	Qty.	Comps.	Page 3/3
			R54-55	
R 1K0-S 00041A	00041A RES 1/4W 5% SMD 1206	2	R52-53	
R 330R-S 00035B	00035B RES 1/4W 5% SMD 1206	2	R18-19	
R 39K-S 00060A	00060A RES 1/4W 5% SMD 1206	8	R12	
			R14-15	
			R27-28	
			R30	
			R33	
			R35	
R 470R-S 00037A	00037A RES 1/4W 5% SMD 1206	6	R16-17	
			R36-37	
			R43-44	
R 4K7-S 00049A	00049A RES 1/4W 5% SMD 1206	1	R57	
R 5K6-1%-S 00050B	00050B RES 1/4W 1% SMD 1206	1	R20	
RL 30.22.24 07569	07569 RELE	4	RLY1-4	
RV 10K-3266X 00807	00807 VARIABLE RESISTOR	8	R1-8	
RV 10K-S-H 00715	00715 VARIABLE RESISTOR	1	R56	
SW SWITCH-4DIP 90°	07531A PCB DIP SWITCH 90°	1	SW1	
T 06086 N 7630 7632	7630 7632 KTI06086 PULSANTE 2	4	T1-4	
XTAL 32.768k-S 05146	05146 QUARTZ	1	XTAL1	
XTAL 32MHz-S 05291	05291 QUARTZ	1	XTAL2	

COMPONENT LIST SCH0110BR0

Part Name/Number	Description	Qty.	Comps.
CC 1206 NOT MOUNTED	NOT MOUNTED SMD 1206 COND	12	C9-20
CC 1nF-S 01096	01096 SMD 1206 COND	8	C1-8
J BNC-90G-PCB 2034	02034 PCB CONNECTOR	8	J1-8
J FC-16P 02701-02700	02701+02700 PCB CONNECTOR POL	1	J9
R 0R0-S 00001	00001 RES 1/4W 5% SMD 1206	6	R13
			R15
			R17
			R19
			R21
			R23
R 1206 NOT MOUNTED	NOT MOUNTED RES 1/4W 5% SMD 12	18	R1-12
			R14
			R16
			R18
			R20
			R22
			R24
Z MICRO SOIC 8P N.M.	SMD INTEG CIRCUIT NOT MOUNTED	3	IC1-3

COMPONENT LIST SCH0152AR0

Part Name/Number	Description	Qty.	Comps.
CC 2nF2 2kV 01045A	01045A CERAMIC COND	3	C1-3
D 1N4148 03001	03001 DIODE	6	D1-6
FUSE OMEGA C1034	FUS00008 PORTA FUSIBILE 5x20 D	1	F1
J CON HD515V/05-6PVE	02883 + 02884 PANDUIT PCB CONN	1	J1
J FC-10P 02697-02699	02697+02699 PCB CONNECTOR POL	1	J9
J VASCHETTA IEC	02879 VASCHETTA FEMALE PCB	3	J6-8
JU JUMP2 02739-02742	02739+02742 MASCHIO PAN2	1	JP1
RL 40.31.24	7567C RELE	3	RLY1-3

COMPONENT LIST SCH0153AR0

Part Name/Number	Description	Qty.	Comps.
DZ 5V1 03109	03109 ZENER DIODE	1	DZ1
FUSE OMEGA C1034	FUS00008 PORTA FUSIBILE 5x20 D	1	F1
J BNC-90G-PCB 2034	02034 PCB CONNECTOR	2	J2-3
J DB9-90G 02797	02797 PCB CONNECTOR	3	J4-6
J FC-16P 02701-02700	02701+02700 PCB CONNECTOR POL	1	J1
J SCREWCONN2 02853	02853 PCB SCREW CONNECTOR	1	J7
J TESTP2.5mm 07912	07912 TEST POINT	4	J8-11
R 10K 0053	0053 RES 1/4W 5%	1	R1
R 1K0 0041	0041 RES 1/4W 5%	1	R2

COMPONENT LIST S-50-24

SPECIFICATIONS	QUANTITY	POSITION
BOM FOR S-50N-24 ON CASE	1	
CASE 901-D-R1 M	1	
CASE 901-T-R2 M	1	
HS YS004W-045-R4 71268W-045	1	HS2
MHS002-R1 25mm	1	D6
PR-7.5	1	
BOX 901 168x105x45mm	1	1
SCREW F 3x6 ISO NI	2	HS2
SCREW F 3x18 ISO NI	1	HS2
SCREW T 3x6 ISO NI	2	CASE
SCREW P 3x6 ISO NI	1	FG
LABEL S-50-24-R2	1	
LABEL IN/OUT UL B017-R1 S-60N	1	
LABEL SWITCH C002-R2 110/220	1	
CARTON 901 0.97CUFT	1	30
BOM FOR S-50N-24 ON PCB	1	
R/C 1/4W 22Ω 5% HP=10 T-52mm	1	R12
R/C 1/4W 51Ω 5% HP=10 T-52mm	1	R19
R/C 1/4W 100Ω 5% HP=10 T-52mm	1	R18
R/C 1/4W 150Ω 5% HP=10 T-52mm	1	R7
R/C 1/4W 470Ω 5% HP=10 T-52mm	1	R10
R/C 1/4W 2.2kΩ 5% HP=10 T-52mm	1	R15
R/C 1/4W 3kΩ 5% HP=10 T-52mm	1	R11
R/C 1/4W 4.7kΩ 5% HP=10 T-52mm	1	R17
R/C 1/4W 22kΩ 5% HP=10 T-52mm	1	R14
R/C 1W 75kΩ 5% CFR-1WS	2	R13, R3
R/C 1W 150kΩ 5% CFR-1WS	1	R2
R/MO 2W 51Ω 5%	1	R9
R/MO 2W 82Ω 5%	1	R6
R/MO 2W 680Ω 5% KINK	1	R16
R/MO 3W 47kΩ 5% MINI KINK	2	R4, R5
R/W 2W 0.39Ω 5%	1	R8
MVR 0.3W 1kΩ 10% HP=5x5	1	SVR1
NTC 3A 10Ω SCK103 KINK	1	RTH1
JUMP 0.6 P=10	2	J3, J4
JUMP 0.6 P=12.5	2	J1, J2
C/M 104/630V 10% P=15	1	C1
C/C 221/1KV 10% P=5 Y5P	1	C8
C/ML 222/100V 5% P=3	1	C20
C/ML 473/100V 5% P=5	1	C12
C/ML 104/100V 5% P=7	1	C11
C/ML 154/100V 5% P=7.5	2	C10, C9
C/C 222/2KV EPOXY 20% P=7.5 Z5U	3	C2, C3, C7

SPECIFICATIONS	QUANTITY	POSITION
C/C 103/1KV EPOXY 20% P=10 Z5U	2	C19, C6
C/E 220u/200V 85°C 22x25 USP	2	C4, C5
C/E 470u/35V 105°C 13x26 TM	3	C13, C14, C17
C/E 1u/50V 105°C 5x11 KM	1	C18
BD 4A/600V GLASS D3SB60	1	BD1
RD 1A/50V 1N4001 T-52mm	1	D3
FRD 1A/100V FR102 T-52mm	1	D8
FRD 1.5A/1KV FR157 T-52mm	1	D2
SFRD BYQ28X-200 10A/200V TO220F	1	D6
HIGH-SPEED DIODE 1N 4148 T-52mm	2	D4, D5
ZD 1/2W 5.1V 2% 5C2 T-52mm	1	ZD1
LED GREEN 204GD-A	1	LED1
BJT 2SC3679 5A/800V TO3P	1	Q1
BJT HIT5609C 1A/20V TO92M	1	Q2
SHR 431 2.5V 2% MM1431AT	1	SHR1
PHOTO 4N35	1	U1
RB-COIL RB003A-R1 6x25 4uH	1	L2
LF 3104C A8222-1	1	L1
MT TF061N EI-40 S-50-24	1	T1
SW 110/220 04-3S6P/SS-22F15-G4	1	SW1
FUSE 3 L 250 5x20 G-	1	FS1
FUSE CLIP 5x20	2	FS1
TB HB951-05P/DT49-B01W-05P	1	TB1
HS HS001-R2	1	HS1
MHS002-R1 25mm	1	Q1
TCBS-5	1	
PCB S-50N-R1 CEM-1 1OZ SS M1	1	PCB
SCREW F 3x12 ISO NI	1	Q1
SCREW P 3x6 ISO ZN	2	HS1

Component list**APT084ASF - AUTV/1000LD**

Part Name Code	Description	Qty
MTF0050AR0	MODULO 1kW UHF LDMOS	1
16009	SCHEDA DISPLAY x 1kW FM A MOSFET	1
SCH0005AR1	SCHEDA CONDIZ. PROTEZ. PIC PN624AR2	1
SCH0004AR0	SCHEDA UNITÀ 8 RELAYS PN637A	1
E0012	ALIM. SWITCHING SP-500-27	6
07522	INTERRUTTORE LUM. cod. I4715	1
07541	PORTAFUS. 10A PANN. cod. P1820	3
02830	PRESA VDE 10A cod. PX675 A63	1
Z0081	TAV... SUPPOR. GUIDA DIN INT. MAG.	1
07527	INTERR. MAGNETOTERM. 25A cod. 23867	1
Z0021	TAV. 635/A TOND. OTT. x INT. MAGNET.	2
03065	PORTALED 5mm INNESTO A VITE 443.1613	1
03060	LED VERDE DIAM. 5mm	1
09546	TOR. P. 110/220 S.24V 1.5A 16/0/16 1A	1
02518	R114082000 PRESA SMB x RG174	3
08500	CAVORG174 50Ω	4
02876	PRESA VOLANTE ILME 16A PENTAPOLARE 3mt	1
02877	SPINA A PANNELLO ILME 16A PENTAPOLARE	1
02228	GE 15145 D/60 NF A VITONE	1
02502	J01150A0041 SMA x RG58/c	1
08503	CABLE RG303 50Ω	1,40
V0962	MORSETTIERA/GIUNZIONE ELECO E806	2
07925	PROTEZIONE IN GOMMA PVC PG 075	1
V0970	MORSETTIERA/EQUIPOTENZIALE 44672	2
07605C	VENTOLA D2E097-CB01-02	3
07605D	COND. 1,5uF 400V	3
FUS8A	FUSIBILI 8A 5x20 RITARDATI CT520280	1
FUS5A	FUSIBILI 5A 5x20 RITARDATI ST520250	1
FUS02A	FUSIBILI 2A 5x20 RITARDATI ST520220	1
CON0109	CON0109R1 LAT. 6U SX PROF. 755 x 1kW LDMOS	1
CON0110	CON0110R1 LAT. 6U DX PROF. 755 x 1kW LDMOS	1
CON0014	CON0014R5 POSTERIORE 6U 1.5kW FM ZN	1
05861	PANN. 6U TAV. 970/A AMPL. FM GRIGIO	1
05553B	KIT MANIGLIE 5-6U cod. 235.013	2
Z0673	TAV. 1199 CHIUS. CONT. PROF. 775 ZN	2
CON0015	CON0015R5 CONVOGLIATORE 1.5kW FM ZN	1
DET0135	DET0135R0 SUPPORTO SCHEDA PN624	1
DET0516	DET0516R0 SUPPORTO PRESE ZN	1
DET0513	DET0513R0 SUPPORTO COND. VENTOLE	1
DET0514	DET0514R0 ANGOLARE x VENTOLE	1
DET0515	DET0515R1 PART. FISSAGGIO VENTOLE	6
CON0111	CON0111R0 SOSTEGNO VENTOLE ZN	1
DET0575	DET0575R1 BARRA FISSAGGIO ALIM. SP500	6
SCH0168AR1	PATCH PER PN0624A	1

COMPONENT LIST SCH0005AR1

Part Name/Number	Description	Qty.	Comps.	Page 1/4
BATT BH-001RB 03093	BATTERY HOLDER	1	BATT1	
BZ AI-155 03705	5VDC BUZZER	1	BZ1	
CC 100nF-S 01065B	Y5V 1206 COND	35	C23-30 C35 C42 C44 C49 C51-54 C61 C65-67 C72 C83 C85-88 C92 C94-95 C97 C99-103	
CC 15pF-S 01088	SMD 1206 COND	2	C73 C98	
CC 1nF-S 01096	SMD 1206 COND	44	C1-22 C31-34 C36-38 C41 C43 C45-47 C50 C55-58 C60 C64 C68 C82 C84	
CE 10uF35V-S 01778A	ELETTR SMD COND	17	C39-40 C48 C59 C62-63 C69-71 C74-81	
CE 1uF50V-S 01763A	ELETTR SMD COND	5	C89-91 C93 C96	
D 1N4148-S 03002	SMD DIODE	9	D1-9	
DL LEDR3 03058	RED LED DIODE 3mm	3	DL1-3	

Part Name/Number	Description	Qty.	Comps.	Page 2/4
DZ 5V1-S 03128	SMD ZENER DIODE	15	DZ1-15	
IC 24LC64 04815	SMD INTEG CIRCUIT	1	IC14	
IC 82B715-S 04734A	SMD INTEG CIRCUIT	1	IC8	
IC CD4053BC-S 04710A	SMD INTEG CIRCUIT	4	IC9-12	
IC LM324M-S 04658A	SMD INTEG CIRCUIT	5	IC1-5	
IC MAX232-S 04804B	SMD INTEG CIRCUIT	1	IC13	
IC MAX3080-S 04770	SMD INTEG CIRCUIT	1	IC6	
IC MK41T56 04611	SMD INTEG CIRCUIT	1	IC15	
IC PIC17C75X 04807A	SMD INTEG CIRCUIT	1	IC7	
IND 3u9H-S 05030	INDUCTOR	1	L1	
IND CBD8 05072	INDUCTOR	1	L2	
J DB25-90G 02688	PCB CONNECTOR	1	J15	
J DB9-90G 02797	PCB CONNECTOR	2	J14	
			J16	
J FC-16P 02701-02700	PCB CONNECTOR POL	1	J13	
J FC-20P 02868-02867	PCB CONNECTOR POL	1	J12	
J PAN8 02716-17-18	PCB CONNECTOR	2	J1	
			J9	
J SCREWCONN2 02853	PCB SCREW CONNECTOR	2	J10-11	
J SMB-PCB 02516	PCB CONNECTOR	7	J2-8	
JU JUMP2 02739-02742	MASCHIO PAN2	1	JP7	
JU JUMP3 02707-02742	MASCHIO PAN3	6	JP1-6	
R 100K-S 00065A	RES 1/4W 5% SMD 1206	8	R2	
			R4	
			R6	
			R8	
			R10	
			R12	
			R14	
			R16	
R 10K-S 00053A	RES 1/4W 5% SMD 1206	38	R17-18	
			R25-26	
			R31-32	
			R37-38	
			R43-44	
			R49-50	
			R55-56	
			R61-62	
			R65	
			R69	
			R72	
			R75	
			R78	
			R81	
			R83	

Part Name/Number	Description	Qty.	Comps.	Page 3/4
			R85	
			R88-90	
			R93	
			R110-114	
			R116-117	
			R120-122	
R 120R-S 00030A	RES 1/4W 5% SMD 1206	1	R108	
R 12K-S 00054A	RES 1/4W 5% SMD 1206	1	R95	
R 15K-S 00055A	RES 1/4W 5% SMD 1206	2	R84	
			R94	
R 1K0-S 00041A	RES 1/4W 5% SMD 1206	20	R21	
			R28	
			R34	
			R40	
			R46	
			R52	
			R58	
			R64	
			R67	
			R70	
			R73	
			R76	
			R79	
			R82	
			R87	
			R91	
			R103-105	
			R107	
R 220R-S 00033A	RES 1/4W 5% SMD 1206	1	R106	
R 22K-S 00057A	RES 1/4W 5% SMD 1206	6	R66	
			R68	
			R71	
			R74	
			R77	
			R80	
R 330R-S 00035B	RES 1/4W 5% SMD 1206	2	R118-119	
R 47K-S 00061A	RES 1/4W 5% SMD 1206	2	R92	
			R109	
R 4K7-S 00049A	RES 1/4W 5% SMD 1206	1	R115	
R 82K-S 00064A	RES 1/4W 5% SMD 1206	16	R19-20	
			R23-24	
			R29-30	
			R35-36	
			R41-42	
			R47-48	

Part Name/Number	Description	Qty.	Comps.	Page 4/4
			R53-54	
			R59-60	
R 8K2-S 00052A	RES 1/4W 5% SMD 1206	1	R86	
RL FINDER30.22 07564	RELE	1	RLY1	
RV 10K-3266W 00810	VARIABLE RESISTOR	16	R1	
			R3	
			R5	
			R7	
			R9	
			R11	
			R13	
			R15	
			R22	
			R27	
			R33	
			R39	
			R45	
			R51	
			R57	
			R63	
RV 1M-3266W 00811	VARIABLE RESISTOR	6	R96-101	
RV 5K-3266W 00809	VARIABLE RESISTOR	1	R102	
SW SWITCH-4DIP 07531	PCB DIP SWITCH	1	SW1	
TR BC848 03457	NPN SMD TRANSISTOR	1	TR1	
XTAL 32.768k-S 05146	QUARTZ	1	XTAL2	
XTAL 32MHz-S 05291	QUARTZ	1	XTAL1	

COMPONENT LIST SCH0004AR0

Part Name/Number	Description	Qty.	Comps.	Page 1/2
CC 100nF 01065	CERAMIC COND	11	C1-11	
CC 2nF2 2kV 01045A	CERAMIC COND	10	C19-28	
CE 1000uF63V 01811	ELETT. COND.	3	C16-18	
CE 10uF63V 01779	ELETT. COND.	4	C12-15	
D 1N4148 03001	DIODE	11	D1-11	
DB KBL04 03042	BRIDGE DIODE	2	PT1-2	
DL LEDR3 03058	RED LED DIODE 3mm	10	DL1-10	
IC 7805 04315	VOLTAGE REGULATOR	1	IC3	
IC 7812 04321	VOLTAGE REGULATOR	1	IC1	
IC 7824 04331	VOLTAGE REGULATOR	1	IC5	
IC 7912 04322	VOLTAGE REGULATOR	1	IC2	
J FC-20P 02868-02867	PCB CONNECTOR POL	1	J13	
J SCREWCONN2 02853	PCB SCREW CONNECTOR	11	J2-12	
J SCREWCONN3 02860	PCB SCREW CONNECTOR	1	J1	
JU JUMP2 02739-02742	MASCHIO PAN2	1	JP1	
R 10K 0053	RES 1/4W 5%	20	R1-2	
			R6-7	
			R10-11	
			R14-15	
			R18-19	
			R22-23	
			R26-27	
			R30-31	
			R34-35	
			R39-40	
R 1K0 0041	RES 1/4W 5%	10	R4	
			R8	
			R12	
			R16	
			R20	
			R24	
			R28	
			R32	
			R36	
			R38	
R 4K7 0049	RES 1/4W 5%	10	R3	
			R5	
			R9	
			R13	
			R17	
			R21	
			R25	
			R29	

Part Name/Number	Description	Qty.	Comps.	Page 2/2
			R33	
			R37	
RL 40.31.12 07567	RELE	10	RLY1-10	
TR BC548 03423	NPN TRANSISTOR	10	TR1	
			TR3	
			TR5	
			TR7	
			TR9	
			TR11	
			TR13	
			TR15	
			TR17	
			TR19	
TR BD137 03408	NPN TRANSISTOR	10	TR2	
			TR4	
			TR6	
			TR8	
			TR10	
			TR12	
			TR14	
			TR16	
			TR18	
			TR20	

COMPONENT LIST *pn502*

REFER.	DESCRIPTION	ELETTRONIKA CODE
R1	10k Ω 1/4W RESISTOR	00053
R2	10k Ω 1/4W RESISTOR	00053
R3	10 Ω 1/2W RESISTOR	00127
R4	470 Ω 1/4W RESISTOR	00037
C1	4.7 μ F 35V ELECTROL. CAPACITOR	01775
Q1-A	DISPLAY	03072B
	PN502 PRINTED CIRCUIT BOARD	09502

COMPONENT LIST *MTF0050AR0*

REFER.	TYPE	ELETTRONIKA CODE
R1	100Ω 20W RESISTOR	00444
R2	100Ω 20W RESISTOR	00444
R3	100Ω 20W RESISTOR	00444
R4	100Ω 150W RESISTOR	00428
R5	100Ω 150W RESISTOR	00428
R6	100Ω 250W RESISTOR	00429
R7	82Ω 1206 SMD RESISTOR	00028A
R8	82Ω 1206 SMD RESISTOR	00028A
C1	1nF Feed-Thru TUSONIX CAPACITOR	01400
C2	1nF Feed-Thru TUSONIX CAPACITOR	01400
C3	1nF Feed-Thru TUSONIX CAPACITOR	01400
C4	1nF Feed-Thru TUSONIX CAPACITOR	01400
C5	1nF Feed-Thru TUSONIX CAPACITOR	01400
C6	1nF Feed-Thru TUSONIX CAPACITOR	01400
C7	1nF Feed-Thru TUSONIX CAPACITOR	01400
C8	1nF Feed-Thru TUSONIX CAPACITOR	01400
C9	1nF Feed-Thru TUSONIX CAPACITOR	01400
C10	1nF 1206 SMD CAPACITOR	01096
C11	1nF 1206 SMD CAPACITOR	01096
C12	1nF 1206 SMD CAPACITOR	01096
C13	1nF 1206 SMD CAPACITOR	01096
A1	UHF 40W Class A LDMOS Driver M.	SCH0052AR0
A2	UHF 40W Class A LDMOS Driver M.	SCH0052AR0
A3	UHF LDMOS Power Module	04900
A4	UHF LDMOS Power Module	04900
A5	UHF LDMOS Power Module	04900
A6	UHF LDMOS Power Module	04900
D1	HSMS-2800 DIODE	03207
D2	HSMS-2800 DIODE	03207
IC1	LM335 TEMPERATURE SENSOR	00663

COMPONENT LIST SP-500-27-C

SPECIFICATIONS	QUANTITY	POSITION
CASE 910-D-R3	1	
CASE 910-T-R3	1	1
1208PTB1;L;20cm+TUBE/TYPE:B;	1	CASE
PINKS-1	3	+S+V -S-V G-RC
MYLAR FILM 910-R1	2	
BOX PS-300 194x127x103mm	1	1
SCREW P 3x6 ISO NI	4	PCBA PCBB
SCREW F 5.0x12 TP1 NI	2	FAN
SCREW F 3x6 TP2 NI	5	CASE
LABEL UP SP-500-27-R2	1	
LABEL INDCON UL E010-R2 FAN CONT.	1	
CARTON PS-300 1CUFT	1	8
261x18mm	1	1 TB1
327x18mm	1	TB2
BOM FOR SP-500-27A ON PCB	1	
R/C 1/4W 5.1Ω 5% HP=10 T-52mm	2	R10, R11
R/C 1/4W 100Ω 5% HP=10 T-52mm	2	R26, R32
R/C 1/4W 680Ω 5% HP=10 T-52mm	1	R27
R/C 1/4W 1kΩ 5% HP=10 T-52mm	1	R24
R/C 1/4W 2.2kΩ 5% HP=10 T-52mm	2	R23, R25
R/C 1/4W 5.1kΩ 5% HP=10 T-52mm	1	R12
R/C 1/4W 10kΩ 5% HP=10 T-52mm	1	R16
R/C 1/4W 270kΩ 5% HP=10 T-52mm	1	R29
R/C 1/4W 330kΩ 5% HP=10 T-52mm	1	R30
R/C 1/2W 5.1Ω 5% T-52mm	1	R21
R/C 1/2W 680kΩ 5% T-52mm	1	R1
R/MO 2W 51Ω 5%	1	R4
R/MO 2W 30kΩ 5%	2	R17, R18
R/M 1/4W 22kΩ 1% T-52mm	1	R28
R/M 1W 499kΩ 1% MFR-1WS	4	R14, R15, R8, R9
R/NW 2W 0.22Ω 5%	1	R6
R/NW 2W 0.33Ω 5%	2	R5, R7
R/FS 5W 10Ω 10% T=130°C	1	R2
NTC 5kΩ 10% TSC-502	1	RT
MOV 0.6W 470V 14 TNR15G471K	1	ZNR1
C/Y2 221/250VAC 20% P=7.5 AC	1	C32
C/Y2 222/250VAC 20% P=7.5 AC	3	C14, C3, C4
C/Y2 472/250VAC 20% P=7.5 AC	1	C16
C/X2 104/250VAC 20% P=15 KNB153X	1	C5
C/X2 474/250VAC 20% P=22 KNB153X	4	C1, C2, C17, C8
C/M 104/63V 10% P=5	1	C21
C/M 104/100V 10% P=5	1	C6
C/M 474/50V 10% P=5	1	C18

SPECIFICATIONS	QUANTITY	POSITION
C/C 221/1KV 10% P=5 Y5P	1	C20
C/C 471/1KV 10% P=5 Y5P	1	C12
C/ML 102/100V 5% P=3	1	C11
C/ML 472/100V 5% P=3	1	C13
C/ML 103/100V 5% P=3	1	C67
C/ML 473/100V 5% P=5	1	C19
C/E 150u/400V 85°C 22x30 HP3	3	C10, C26, C9
C/E 2.2u/50V 105°C 5x11 KM	3	C22, C24, C25
C/E 220u/25V 105°C 8x11.5 KM	1	C17
C/E 470u/25V 105°C 10x16 MHA	1	C23
RD 15/A/600V GLASS D15XB60	1	BD1
RD 1A/50V 1N4001 T-52mm	1	D2
RD 3A/600V 1N5406 DO-201	1	D9
SFRD HER104 1A/300V T-52mm	4	D4, D6, D7, D8
SFRD RHRP1560 15A/600V TO220	1	D1
SBD 1N5819 1A/40V T-52mm	1	D5
HIGH-SPEED DIODE 1N4148 T-52mm	1	D3
ZD 1/2W 8.9V 2% 9B3 T-52mm	1	ZD4
BJT 2SA1020 -2A/50V TO92M	1	Q3
BJT 2SA562Y -0.5A/-30V TO92	1	Q8
BJT 2SC1815GR 0.1A/40V TO92	1	Q7
BJT 2SC2655 2A/50V TO92M	1	Q4
FET IRFP460 20A/500V TO3P	2	Q1, Q2
TRIAC BTA16-600B 16A TO220	1	TRC1
CONTROL LT1249CN8	1	U1
TR134-R2 Ku130125x2	1	L1
LFTF360 ET-28 3.12mH	2	LF1, LF2
BEAD CORE BD-001A-M4S RH3.5x3x1.5	5	C14F, D1A, Q1D, Q1G, Q2D
BEAD CORE BD-001A-M4S RH3.5x3x1.5	1	Q2G
FUSE F10 L 250 5x20 G- U GFE	1	FS1
FUSE CLIP 5x20	2	FS1
TB DT-4C-B14W(1171)-07	1	TB1
WAFER 8822-02 P=2.5	2	CN2, CN3
WAFER 8822-04 P=2.5	1	CN4
WAFER JS-1120-03N2 UL P=3.96	1	CN1
WIRE 07#18 90mm 52Tx2	2	F-F
HS YS032W-048 71431W-048	2	HS1, HS3
HS YS032W-070B 71431W-070B	1	HS2
MHS013-R1 SP-500	1	RT
TO220-A 11.4x21.5x5.8	1	RT
TO3P-A 17.5x28.5x5.9	1	RT
CORE MS-130125 HKH-130	2	L1
PCB SP-500A-R9 FR-4 2OZ DS	1	PCB
TW 3.0 NI	1	RT

SPECIFICATIONS	QUANTITY	POSITION
SCREW P 3x8 ISO NI	2	D1, TRC1
SCREW P 3x10 ISO NI	3	BD1, Q1, Q2
SCREW P 3x6 TP2 ZN	6	HS1, HS2, HS3
SCREW P 3x16 TP2 ZN	1	RT
10 1M (20mm)	20/100	RT
BOM FOR SP-500-27B ON PCB	1	
R/C 1/4W 1Ω 5% HP=10 T-52mm	1	R61
R/C 1/4W 5.1Ω 5% HP=10 T-52mm	2	R55, R59
R/C 1/4W 10Ω 5% HP=10 T-52mm	2	R93, R96
R/C 1/4W 22Ω 5% HP=10 T-52mm	1	R91
R/C 1/4W 51Ω 5% HP=10 T-52mm	1	R115
R/C 1/4W 100Ω 5% HP=10 T-52mm	2	R106, R56
R/C 1/4W 330Ω 5% HP=10 T-52mm	1	R72
R/C 1/4W 680Ω 5% HP=10 T-52mm	1	R57
R/C 1/4W 820Ω 5% HP=10 T-52mm	3	R104, R105, R87
R/C 1/4W 1kΩ 5% HP=10 T-52mm	5	R107, R66, R73, R88, R90
R/C 1/4W 1kΩ 5% HP=10 T-52mm	1	R92
R/C 1/4W 1.1kΩ 5% HP=10 T-52mm	1	R84
R/C 1/4W 1.5kΩ 5% HP=10 T-52mm	1	R102
R/C 1/4W 2kΩ 5% HP=10 T-52mm	3	R111, R116, R95
R/C 1/4W 2.2kΩ 5% HP=10 T-52mm	1	R86
R/C 1/4W 3.9kΩ 5% HP=10 T-52mm	2	R100, R101
R/C 1/4W 5.1kΩ 5% HP=10 T-52mm	3	R117, R58, R71
R/C 1/4W 6.8kΩ 5% HP=10 T-52mm	2	R103, R50
R/C 1/4W 15kΩ 5% HP=10 T-52mm	1	R108
R/C 1/4W 22kΩ 5% HP=10 T-52mm	1	R70
R/C 1/4W 24kΩ 5% HP=10 T-52mm	1	R94
R/C 1/4W 68kΩ 5% HP=10 T-52mm	2	R65, R89
R/C 1/4W 75kΩ 5% HP=10 T-52mm	1	R74
R/C 1/4W 1MΩ 5% HP=10 T-52mm	1	R69
R/C 1/2W 2.2Ω 5% T-52mm	1	R109
R/C 1/2W 15Ω 5% T-52mm	2	R54, R60
R/C 1/2W 22Ω 5% T-52mm	1	R112
R/C 1/2W 560Ω 5% T-52mm	1	R120
R/C 1W 27Ω 5%	2	R80, R81
R/C 1W 200kΩ 5% CFR-1WS	2	R51, R52
R/MO 2W 51Ω 5%	1	R110
R/MO 2W 100Ω 5%	1	R53
R/MO 2W 1kΩ 5%	2	R82, R83
R/M 1/4W 24kΩ 1% T-52mm	1	R67
R/NW 2W 0.22Ω 5%	2	R62, R63
R/NW 2W 0.82Ω 5%	1	R64
MVR 0.1W 1kΩ 10% 6 VP=5x2.5	1	SVR1
NTC 5kΩ 10% TSC-502	1	RTH2

SPECIFICATIONS	QUANTITY	POSITION
JUMP 0.6 P=5	1	SVR2
JUMP 0.6 P=10	2	D70, R49
JUMP 1.4 P=10 9A	3	J1, J2, J3
C/Y2 222/250VAC 20% P=7.5 AC	2	C101, C102
C/M 473/630V 10% P=15	2	C77, C78
C/M 104/63V 10% P=5	5	C53, C60, C76, C79, C81
C/M 104/630V 10% P=15	1	C64
C/M 224/63V 10% P=5	1	C80
C/C 68P/50V 10% P=5 NPO	1	C65
C/C 331/1KV 10% P=5 Y5P	2	C71, C72
C/C 471/100V 10% P=5 Y5P	1	C61
C/C 471/1KV 10% P=5 Y5P	1	C59
C/C 222/500V 20% P=5 Z5U	2	C63, C87
C/C 103/100V 20% P=5 Z5U	1	C88
C/ML 102/100V 5% P=3	1	C55
C/ML 103/100V 5% P=3	3	C54, C57, C82
C/MC 105/50V80, -20%P=5 Y5V	1	C93
C/C 101/2KV EPOXY 10% P=5 Y5P	1	C51
C/C 103/2KV EPOXY 80, -20%P=10 Y5V	1	C52
C/E 1u/50V 105°C 5x11 KM	2	C56, C85
C/E 2.2u/50V 105°C 5x11 KM	1	C91
C/E 47u/50V 105°C 6.3x11 KM	3	C83, C84, C86
C/E 100u/35V 105°C 8x11.5 KM	1	C62
C/E 470u/50V LL5K 12.5x25 YXG	3	C73, C74, C75
SFRD ESAD92-02 20A/200V TO3P	3	D60, D61, D62
SFRD HER104 1A/300V T-52mm	2	D55, D76
SFRD HER203 2A/200V T-52mm	1	D63
SFRD HER204 2A/300V T-52mm	2	D69, D75
SFRD HER308 3A/1KV	1	D51
HIGH-SPEED DIODE 1N4148 T-52mm	5	D52, D53, D54, D64, D65
HIGH-SPEED DIODE 1N4148 T-52mm	3	D66, D67, D68
ZD 1/2W 10.6V 2% 11B2 T-52mm	1	ZD60
ZD 1W 5.1V 2% 1N4733 T-52mm	1	ZD55
ZD 1W 15V 2% 1N4744 T-52mm	1	ZD53
ZD 1W 18V 2% 1N4746 T-52mm	3	ZD51, ZD52, ZD54
LED A264B/G A264B/G/F14-9	1	LED1
BJT 2SA1020 -2A/50V TO92M	1	Q54
BJT 2SC1815FGR 0.1A/40V TO92	1	Q56
BJT 2SC2120 0.8A/30V TO92	1	Q55
BJT 2SC2655 2A/50V TO92M	1	Q53
FET 2SK1358 9A/900V TO3P	2	Q51, Q52
SHR 431 2.5V 2% MM1431AT	1	SHR1

SPECIFICATIONS	QUANTITY	POSITION
RG MC7812CT 1.0A/12V TO220	1	RG51
PHOTO-TRIAC MOC3022	1	U51
PHOTO PC123 TLP721F(04-GR)	2	U52, U53
PWM TL3845P TI	1	U55
OP LM324 LA6324N	1	U54
DR-COIL DR005A 9x12 0.35 498uH	1	L52
TR131-R4Ku130125x2 91.6u SP500-27	1	L51
MT TF403-R1 ETD-44 SP-500-27	1	T51
BEAD CORE BD-001A-M4S RH3.5x3x1.5	10	D60, D61, D62, Q51, Q52
TB DT-4C-B14W(1172)-08	1	TB1
WAFER 8822-02 P=2.5	1	CN51
I/O WIRE PSP300-CN1-R1	1	CN1
I/O WIRE PSP300-CN6-R2	1	CN3
I/O WIRE SP500-CN1-R1	1	CN2
I/O WIRE SP500-CN2-R3	1	CN4
HS YS021W-3 72020-3 h=25m/m	1	HS53
HS YS032W-070 71431W-070	2	HS51, HS52
CORE MS-130125 HKH-130	2	L51
PCB SP-500B-R10 FR4 20Z DS	1	PCB
TW 30. NI	1	RTH2
SCREW P 3x10 ISO NI	5	D60, D61, D62, Q51, Q52
SCREW P 3x6 TP2 ZN	5	HS51, HS52, RTH2
SCREW T 3x6 TP2 NI H	1	HS53