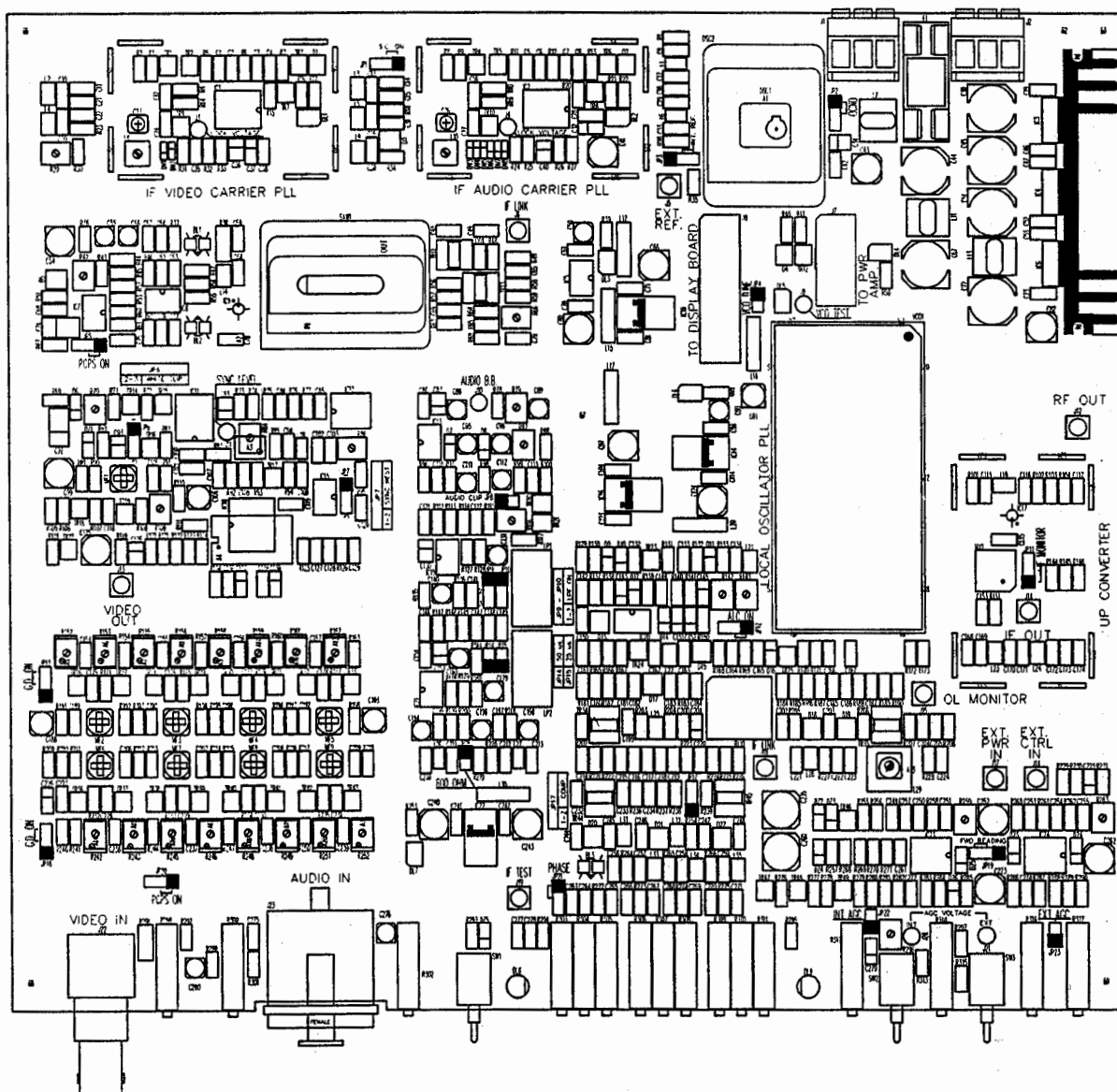


Part Name Code	Description	Qty
05551B	2U HANDLES KIT cod. 235.010	2
V0761	DP-500 PLASTIC BLACK PLUGS O 12.7	1
V0802	SD 6 M3/4NC 10 NI U TURRET	2
08867	SMB90°-SMB90° 43mm RG316 50Ω CABLE	1
SCH0291AR0	MOTHER BOARD WITH PRECORRECTOR	1
SCH0123AR1	CONTROL BOARD AND DISPLAY	1
SCH0136AR0	IV/VBd VCO INTEGRATED	1
02513	SMB90° SOCKET R114186000	4
02515	SMB SOCKET R114313000	2
02518	SMB SOCKET FOR RG174 R114082000	3
02695	DB9F CONNECTOR FOR IU008059 CABLE	1
02699	10 WAY FEMALE CONNECTOR cod. IDS10FSR1	3
02867	20 CONT. FEMALE CONNECTOR cod. IDS20FSR1	2
07918	60ET2 519042-10 NETWORK FILTER	1
02893	3 WAY MAS. EXTRACTABLE CLAMP-HOLDER	1
07602	FAN GRID mod. LZ 221	2
07613	PAPST FAN mod. 8414NH	2
CON0251	CON0251R0 BOX FOR CAV NEW P.2720	1
CON0156	CON0156R0 COVER FOR CAV 2UP.2599 INOX	1
DET0531I	DET0531AR0 CONVEYER FOR FAN P.2567 INOX	1
DET0600	DET0600R0 DEPTH FOR CAV HEAT SYNC	1
DET0670	DET0670R0 INSULATOR SPACER FOR CAV	1
SCA0051	SCA0051R1 SCREEN FOR VCO - A4 SHEET -	3
SCA0058	SCA0058R0 VCO BOX FOR CAV	1
E0004	S-150-24 SWITCHING POWER SUPPLY	1
PAN0050	PAN0050AR3 CAV PANEL	1
08502	RG316 50Ω CABLE	1
MTG0050AR0	40dB UHF FILTER	1
02237	N FLANGE CONNECTOR FOR RG174 15057C22	1
DET0649	DET0649R0 CONVEYER FOR S.P.S. E0017 INOX P.2609	1
07522	LIGHT SWITCH cod. I4715	1
05351	SAW FILTER PROF. SF0044BA01800T NTSC	1
09447	PN447 SAW FILTER INTERFACE PN 336 PCB	1
02746A	TN-350-90-2.54/32 MALE C.S. CONNECTOR	1
05187	OCXO 5MHz HCD 310 OSCILLATOR	1
MTF0096AR0	5W UHF AMPLIFIER MODULE	1

MOTHER BOARD

Component layout



COMPONENT LIST

Part Name/Number	Description	Qty.	Comps.	Page 1/5
257BLR-3618N 05010	05010 FILTER AUDIO TOKO	2	LP1-2	
CC 100nF-S01065C	01065C Y5V 1206 COND	57	C3, C7, C19, C28, C35, C38, C42, C46-47, C52-53, C61, C68, C70-71, C73, C75, C81, C84-86, C98, C101-104, C108, C114, C118, C120-121, C123, C128-129, C132-134, C136, C144, C158, C189-192, C200, C206-209, C217-218, C227, C241-242, C250, C254, C261	
CC 100pF-S01092	01092 SMD 1206 COND	7	C113, C116-117, C127, C135, C153-154	
CC 10nF-S01053B	01053B SMD 1206 COND	20	C1, C5, C48, C57-60, C64, C69, C77-79, C142, C161, C216, C224, C234, C249, C263, C265	
CC 10pF-S01086	01086 SMD 1206 COND	9	C12, C16, C24, C27, C29, C169, C173, C236, C277	
CC 1206 N.M.	N.M. SMD 1206 COND	2	C100, C232	
CC 120pF-S	01030A SMD 1206 COND	4	C15, C21, C105, C231	
CC 12pF-S01087	01087 SMD 1206 COND	2	C62-63	
CC 15pF-S01088	01088 SMD 1206 COND	2	C171, C237	
CC 18pF-S01089	01089 SMD 1206 COND	2	C20, C25	
CC 1nF-2%-S01041D	01041D SMD 1206 COND	3	C147-149	
CC 1nF-S01096	01096 SMD 1206 COND	53	C2, C6, C39, C76, C115, C141, C150, C162-167, C174, C180, C182-187, C199, C202-205, C214-215, C219-223, C228, C244-248, C251, C253, C255-257, C264, C266-271, C275, C278	
CC 1uF100V-S01760A	01760A Y5V 1206 COND <<50V>>	4	C4, C8, C272, C274	
CC 220pF-S01093	01093 SMD 1206 COND	2	C119, C230	
CC 22pF-S01090	01090 SMD 1206 COND	5	C9, C33, C107, C175, C238	
CC 27pF-S01022B	01022B SMD 1206 COND	4	C210-213	
CC 2p2F-S01081B	01081B SMD 1206 COND	1	C49	
CC 330pF-S01094	01094 SMD 1206 COND	2	C94, C109	
CC 33pF-S 1023A	1023A SMD 1206 COND	4	C10, C13, C168, C172	
CC 39pF-S 1024A	1024A SMD 1206 COND	2	C18, C239	
CC 470pF-S01095	01095 SMD 1206 COND	1	C229	
CC 47pF-S01100	01100 SMD 1206 COND	11	C65, C110, C122, C138, C146, C157, C176, C195, C197, C258-259	
CC 4p7F-S01083	01083 SMD 1206 COND	1	C17	
CC 56pF-S01091	01091 SMD 1206 COND	5	C156, C170, C177, C181, C233	
CC 68pF-S01027A	01027A SMD 1206 COND	5	C11, C14, C22, C31, C155	
CC 82pF-S01028A	01028A SMD 1206 COND	1	C178	
CE 100uF16V-S01792A	01792A ELETTR SMD COND	3	C54, C99, C125	
CE 100uF25V-S01793B	01793B ELETTR SMD COND	2	C235, C260	
CE 10uF16V-S	01626B TANT. ELETTR SMD CO	12	C32, C37, C137, C139, C143, C145, C151-152, C201, C225-226, C279	
CE 10uF16V-S01776A	01776A ELETTR SMD COND	19	C50, C55-56, C88-90, C95-96, C111-112, C131, C140, C160, C179, C194, C196, C198, C276, C280	
CE 10uF35V-S01778A	01778A ELETTR SMD COND	4	C91, C106, C188, C193	

Part Name/Number	Description	Qty.	Comps.	Page 2/5
CE 1uF35V-S01613A	01613A TANT. ELETTR SMD CO	9	C34, C36, C40, C83, C87, C93, C126, C130, C159	
CE 220uF50V LOW ESR	01799A ELE. SMD COND LOW	6	C30, C44-45, C51, C67, C72	
CE 22uF35V-S01782A	01782A ELETTR SMD COND	3	C252, C262, C273	
CE 47uF 16V-S	01636A TANT. ELETTR SMD CO	2	C74, C92	
CE 47uF35V-S01790A	01790A ELETTR SMD COND	8	C43, C66, C80, C82, C97, C124, C240, C243	
CE D6N.M.	N.M. ELETTR SMD COND	1	C41	
CV 6.5-30pF-S01482	01482 VARIABLE COND	1	C23	
CV 8.5-40pF-S01483	01483 VARIABLE COND	1	C26	
D 1N4148-S03002	03002 SMD DIODE	13	D6-12, D14, D16, D23-26	
D BAT54S	03199 SMD SCH. DIODE A-K T	3	D1-2, D4	
D HSMP3814	03202 SMD DIODE	5	D3, D15, D17-19	
D HSMS2802 03207	03207 SMD DIODE	5	D5, D13, D20-22	
DL KA-3528SGC 03057	03057 GREEN SMD LED DIODE	7	DL1-7	
DL LEDG3 03053	03053 GREEN LED DIODE 3mm	1	DL8	
DL LEDR3 03058	03058 RED LED DIODE 3mm	1	DL9	
DV BB133 03220	03220 SMD VARICAP DIODE	8	DV1-8	
DZ 5V1-S03128	03128 SMD ZENER DIODE	5	DZ1-5	
FUSE 2A-PCB 7543	7543 PORTA FUS. + FUSE 5x2	1	F1	
IC 7812 04321	04321 VOLTAGE REGULATOR	1	IC6	
IC 7818	04321 VOLTAGE REGULATOR	1	IC3	
IC 7824 04331	04331 VOLTAGE REGULATOR	1	IC4	
IC 78L05-S04301A	04301A SMD VOLTAGE REG	1	IC5	
IC 78M08 04303B	04303B SMD VOLTAGE REG	1	IC14	
IC 78M12 4307B	04307B SMD VOLTAGE REG	3	IC10, IC16, IC22	
IC CD4053BC-S04710A	04710A SMD INTEG CIRCUIT	1	IC11	
IC EL2090CM-S	04640A SMD INTEG CIRCUIT	1	IC18	
IC EL2245CS-S04822	04822 SMD INTEG CIRCUIT	1	IC7	
IC HFA3101	04598 INTEG CIRCUIT	1	IC8	
IC LM1881M	04645A INTEG CIRCUIT	1	IC15	
IC LM324M-S04658A	04658A SMD INTEG CIRCUIT	2	IC23-24	
IC LM358M-S04660	04660 SMD INTEG CIRCUIT	1	IC20	
IC LM833-S04643A	04643A SMD INTEG CIRCUIT	3	IC13, IC19, IC21	
IC MAR4 04368	04368 SMD INTEG CIRCUIT	1	IC17	
IC MAV11-S04373	04373 INTEG CIRCUIT	1	IC9	
IC MC14066BD-S 4708B	4708B SMD INTEG CIRCUIT	1	IC12	
IC MC145170-S04683A	04683A SMD INTEG CIRCUIT	2	IC1-2	
IND 10uH-5CCD 04971	04971 INDUCTOR	1	MF1	
IND 180nH-S05093	05093 INDUCTOR	10	L2-5, L19, L23-24, L33-35	
IND 22uH-S 5023D	5023D INDUCTOR	5	L1, L6, L18, L26-27	
IND 2u2H-S 05020A	05020A INDUCTOR	8	L9, L14, L21-22, L25, L28, L31-32	
IND 30uH-5CCD 04972	04972 INDUCTOR	8	MF2-9	
IND 330nH-5CCE	04974 INDUCTOR	3	L8, L10, L29	
IND CBD8 05072	05072 INDUCTOR	6	L12, L15-17, L20, L30	
IND MS85 10uH-S	04948 INDUCTOR 2,7A	3	L7, L11, L13	
JBNC-90G-PCB 2034	02034 PCB CONNECTOR	1	J22	

Part Name/Number	Description	Qty.	Comps.	Page 3/5
JCONHD515V/05-3PVE	02893 + 02894 PAN. PCB CONN	2	J1-2	
JFC-10P 02697-02699	02697+02699 PCB CON. POL	1	J7	
JFC-20P 02868-02867	02868+02867 PCB CON. POL	1	J8	
JNC3FD-H 02862	02862 XLR-90G-PCB SOC. FEM.	1	J23	
J SMB-PCB 02516	02516 PCB CONNECTOR	10	J5-6, J12-19	
J TESTP1.3mm 07913	07913 TEST POINT	7	J3-4, J9-11, J20-21	
JU JUMP2 02739-02742	02739+02742 MASCHIO PAN2	7	JP4, JP8, JP14-16, JP22-23	
JU JUMP3 02707-02742	02707+02742 MASCHIO PAN3	16	JP1-3, JP5-7, JP9-13, JP17-21	
MX RMS-11X	05332 MIXER	1	MX1	
OSCHCD31005187	05187 INTEGRATED OSCIL.	1	OSC2	
OSCNVT535 05168	05168 TCXO	1	OSC1	
PN0745AR4SCH0136AR0	SCH0136AR0 VCO IV & V	1	VCO1	
R 0R0-S 00001	00001 RES 1/4W 5% SMD 1206	2	R145, R184	
R 100K-1%-S 00065B	00065B RES 1/4W 1% SMD 1206	5	R127, R135, R147-149	
R 100K-S 00065A	00065A RES 1/4W 5% SMD 1206	11	R15, R20, R69, R138-139, R150, R256-257, R284, R285, R313	
R 100R-1W-S	00383 RES 1W 5% SMD 2512	2	R38, R291	
R 100R-S 00029A	00029A RES 1/4W 5% SMD 1206	23	R4, R10, R23, R53, R61, R78, R98, R122, R131, R140, R151, R174-177, R224, R226, R229, R232, R233-235, R273	
R 10K-S 00053A	00053A RES 1/4W 5% SMD 1206	38	R7, R13, R24-25, R31, R34, R40, R76-77, R96-97, R114-115, R121, R166-167, R170-171, R178-180, R199-201, R237, R239, R258, R260-262, R269-270, R277-278, R280, R286, R297, R299	
R 10R-S 00017A	00017A RES 1/4W 5% SMD 1206	5	R30, R56, R189-190, R222	
R 1206 N.M.	N.M. RES 1/4W 5% SMD 1206	10	R3, R9, R27, R63, R118, R125, R144, R146, R185, R186	
R 120R-S 00030A	00030A RES 1/4W 5% SMD 1206	4	R129, R264-266	
R 150K-S 00067A	00067A RES 1/4W 5% SMD 1206	1	R231	
R 150R-S 00031A	00031A RES 1/4W 5% SMD 1206	2	R102, R104	
R 15K-S 00055A	00055A RES 1/4W 5% SMD 1206	2	R183, R187	
R 180R-S 00032A	00032A RES 1/4W 5% SMD 1206	4	R14, R19, R49, R64	
R 18K-S 00056B	00056B RES 1/4W 5% SMD 1206	4	R221, R230, R282, R287	
R 1K0-1%-S 00041B	00041B RES 1/4W 1% SMD 1206	16	R154, R157, R160, R163, R192, R194, R196, R198, R211, R213, R215, R217, R241, R244, R247, R250	
R 1K0-S 00041A	00041A RES 1/4W 5% SMD 1206	17	R1, R5, R11, R28, R52, R60, R83, R88, R92, R95, R124, R165, R181, R289, R293, R301, R315	
R 1K2-1%-S 00042A	00042A RES 1/4W 1% SMD 1206	4	R82, R164, R219-220	
R 1K5-S 00043A	00043A RES 1/4W 5% SMD 1206	5	R33, R45, R80, R203, R207	
R 1M-S 00077A	00077A RES 1/4W 5% SMD 1206	4	R6, R12, R137, R255	
R 220K-S 00069A	00069A RES 1/4W 5% SMD 1206	1	R93	
R 220R-S 00033A	00033A RES 1/4W 5% SMD 1206	5	R43-44, R46, R62, R105	
R 22K-S 00057A	00057A RES 1/4W 5% SMD 1206	4	R41, R89, R202, R206	
R 22R-S 00021A	00021A RES 1/4W 5% SMD 1206	5	R67, R134, R238, R240, R254	
R 270R-S 00034A	00034A RES 1/4W 5% SMD 1206	2	R106, R133	

Part Name/Number	Description	Qty.	Comps.	Page 4/5
R 27K-S 00058A	00058A RES 1/4W 5% SMD 1206	2	R26, R32	
R 27R-S 00022A	00022A RES 1/4W 5% SMD 1206	2	R47, R55	
R 2K2-S 00045A	00045A RES 1/4W 5% SMD 1206	10	R68, R72, R91, R110-111, R141, R253, R267-268, R271	
R 2K7-S 00046A	00046A RES 1/4W 5% SMD 1206	2	R168, R205	
R 330R-S 00035B	00035B RES 1/4W 5% SMD 1206	5	R17, R22, R36, R123, R182	
R 33R-S 00023A	00023A RES 1/4W 5% SMD 1206	2	R58-59	
R 390R-S 00036A	00036A RES 1/4W 5% SMD 1206	2	R37, R81	
R 39K-S 00060A	00060A RES 1/4W 5% SMD 1206	1	R90	
R 39R-S 00024A	00024A RES 1/4W 5% SMD 1206	4	R103, R274-275, R295	
R 3K3-S 00047A	00047A RES 1/4W 5% SMD 1206	1	R290	
R 3K9-S 00048A	00048A RES 1/4W SMD 1206	2	R50, R227	
R 470K-S 00073A	00073A RES 1/4W 5% SMD 1206	2	R51, R283	
R 470R-S 00037A	00037A RES 1/4W 5% SMD 1206	3	R57, R169, R173	
R 47K-S 00061A	00061A RES 1/4W 5% SMD 1206	7	R16, R21, R99-100, R128, R276, R279	
R 47R-S 00025A	00025A RES 1/4W 5% SMD 1206	13	R2, R8, R18, R35, R48, R65, R75, R94, R172, R204, R223, R228, R294	
R 4K7-S 00049A	00049A RES 1/4W 5% SMD 1206	6	R112-113, R117, R136, R281, R288	
R 56K-S	00062A RES 1/4W 5% SMD 1206	4	R71, R73, R108, R120	
R 56R-S 00026A	00026A RES 1/4W 5% SMD 1206	5	R54, R101, R130, R188, R208	
R 5K6-S 00050A	00050A RES 1/4W 5% SMD 1206	8	R191, R193, R195, R197, R212, R214, R216, R218	
R 680K-S	00075A RES 1/4W 5% SMD 1206	1	R126	
R 680R-S 00039A	00039A RES 1/4W 5% SMD 1206	2	R39, R107	
R 68K-S 00063A	00063A RES 1/4W 5% SMD 1206	2	R74, R209	
R 68R-S 00027A	00027A RES 1/4W 5% SMD 1206	3	R225, R272, R292	
R 75R-1%-S 00221B	00221B RES 1/4W 1% SMD 1206	2	R85, R119	
R 820R-S 00040A	00040A RES 1/4W 5% SMD 1206	1	R132	
R 82K-S 00064A	00064A RES 1/4W 5% SMD 1206	1	R210	
R 82R-S 00028A	00028A RES 1/4W 5% SMD 1206	1	R236	
RL TQ2-SA-12 07569A	07569A RELE	1	RLY1	
RV 100K-S-H/S 00802	00802 SMD VARIABLE RES.	2	R259, R263	
RV 100R-S-H/S 00796	00796 SMD VARIABLE RES.	2	R29, R66	
RV 10K-M-H 00777	00777 VARIABLE RESISTOR	6	R300, R302, R312, R314, R316-317	
RV 10K-S-H/S 00793	00793 SMD VARIABLE RES.	17	R70, R84, R86-87, R109, R116, R142-143, R152, R155, R158, R161, R243, R246, R249, R252, R296	
RV 1K-S-H/S 00792	00792 SMD VARIABLE RES.	10	R42, R79, R153, R156, R159, R162, R242, R245, R248, R251	
RV 200R-M-H 00775	00775 VARIABLE RESISTOR	4	R298, R303, R306, R309	
RV 500R-M-H 00790	00790 VARIABLE RESISTOR	6	R304-305, R307-308, R310-311	
SAW B588-PAL/BG	OPTION_CODE SAW FILTER	1	SAW1	
SW KW002660	SWITCH 2 VIE 2 POSIZION	3	SW1-3	
TR BC848 03457	03457 NPN SMD TRANSISTOR	28	TR1-8, TR12, TR14-15, TR17-18, TR20, TR23, TR25, TR27, TR29, TR31, TR33, TR36, TR38, TR40, TR42, TR46-49	
TR BC856 03455	03455 PNP SMD TRANSISTOR	12	TR16, TR19, TR21-22, TR26, TR28, TR30, TR32,	

Part Name/Number	Description	Qty.	Comps.	Page 5/5
TR BFG35 03990	03990 NPN SMD TRANSISTOR	6	TR37, TR39, TR41, TR43	
TR BFR93A 03447	03447 NPN SMD TRANSISTOR	1	TR11, TR13, TR34-35, TR44-45	
TR PMBFJ310 04105A	04105A NFET SMD TRANS.	2	TR24	
TRAS FCHOKE 05034	05034 WIDEBAND TRANS.	3	TR9-10	
			BL1-3	

COMPONENT LIST

Part Name/Number	Description	Qty.	Comps.
BZ AI-155 03705	03705 5VDC BUZZER	1	BZ1
CC 100nF-S 01065C	01065C Y5V 1206 COND	12	C2, C4-6, C13, C16-17, C20-21, C24-25, C29
CC 1206 NOT MOUNTED	NOT MOUNTED SMD 1206 COND	2	C9-10
CC 15pF-S 01088	01088 SMD 1206 COND	2	C3, C7
CC 1uF100V-S 01760A	01760A Y5V 1206 COND	5	C27, C30-33
CC 1nF-S 01096	01096 SMD 1206 COND	8	C8, C11-12, C14-15, C18-19, C22
CE 10uF35V-S 01778A	01778A ELETTR SMD COND	2	C23, C26
CE 1uF35V-S 01613A	01613A TANTALIUM ELETTR SMD CO	1	C28
CE 4uF35V-S 01774A	01774A ELETTR SMD COND	1	C1
D 1N4148-S 03002	03002 SMD DIODE	1	D2
D BAT54S	03199 SMD SCHOTTKY DIODE A-K T	1	D1
DIS CDL4162H02	03073 DISPLAY	1	LCD1
IC 78M05 04301B	04301B SMD VOLTAGE REGULATOR	1	IC5
IC LM358M-S 04660	04660 SMD INTEG CIRCUIT	1	IC1
IC LMV324M-S 04658B	04658B SMD INTEG CIRCUIT	2	IC3-4
IC MAX232-S 04804B	04804B SMD INTEG CIRCUIT	1	IC6
IC PIC16F877 4869	04869 + 07509B INTEG CIRCUIT	1	IC2
JFC-10P 02697-02699	02697+02699 PCB CONNECTOR POL	2	J1, J4
JFC-20P 02868-02867	02868+02867 PCB CONNECTOR POL	1	J3
J PAN8 02716	02716 PCB CONNECTOR	1	J2
JU JUMP2 02739-02742	02739+02742 MASCHIO PAN2	1	JP1
R 0R0-S 00001	00001 RES 1/4W 5% SMD 1206	2	R12-13
R 100R-1W-S	00383 RES 1W 5% SMD 2512	2	R2-3
R 100R-S 00029A	00029A RES 1/4W 5% SMD 1206	1	R1
R 10K-S 00053A	00053A RES 1/4W 5% SMD 1206	12	R4-10, R17-19, R24, R27
R 1206 NOT MOUNTED	NOT MOUNTED RES 1/4W 5% SMD 12	3	R11, R14, R29
R 1K0-1%-S 00041B	00041B RES 1/4W 1% SMD 1206	2	R16, R20
R 1K0-S 00041A	00041A RES 1/4W 5% SMD 1206	2	R23, R28
R 33K-S 00059A	00059A RES 1/4W 5% SMD 1206	1	R15
R 3K3-S 00047A	00047A RES 1/4W 5% SMD 1206	1	R22
R 3K9-1%-S 00048B	00048B RES 1/4W 1% SMD 1206	1	R21
R 470R-S 00037A	00037A RES 1/4W 5% SMD 1206	1	R25
RV 10K-3266X 00807	00807 VARIABLE RESISTOR	1	R26
T 06086 N 7630 7632	7630 7632 KTI06086 PULSANTE 2	2	T1-2
TR BC817 03454	03454 NPN SMD TRANSISTOR	1	TR1
TR BC847 03456	03456 NPN SMD TRANSISTOR	1	TR2
XTAL 20MHz-S	CXS00001 QUARTZ	1	XTAL1

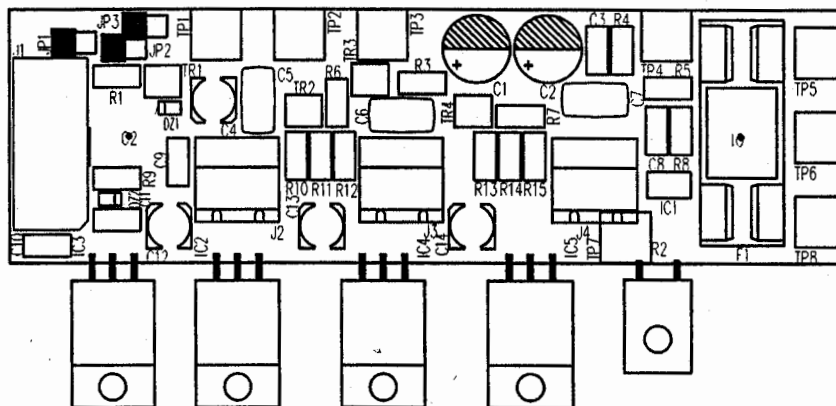
COMPONENT LIST

Part Name - Code	Description	Qty	Composition
CC 100nF-S 01065E	01065E Y5V 0805 COND	6	C2-3, C8, C22, C24, C26
CC 100pF-S 01092C	01092C SMD 0805 COND	4	C12-14, C27
CC 10nF-S 01053A	01053A SMD 0805 COND	2	C6, C25
CC 10pF-S 01086A	01086A SMD 0805 COND	1	C10
CC 1nF-S 01096A	01096A SMD 0805 COND	5	C4-5, C19, C21, C28
CC 220nF-S 01069B	01069B Y5V 0805 COND	2	C7, C9
CC 3p3F-SS	1011B SMD 0805 COND	4	C11, C17-18, C29
CE 10uF16V-S 01626A	01626A TANT. ELETTR SMD COND	1	C23
CE 1uF35V-S 01613A	01613A TANT. ELETTR SMD COND	4	C1, C15-16, C20
CV 2-6pF-S	01476 VARIABLE COND	1	C30
CV 4.5-20pF-S 01481	01481 VARIABLE COND	1	C31
DVBB833 03214	03214 SMD VARICAP DIODE	2	DV1-2
IC LM3480-5	4301C SMD VOLTAGE REGULATOR	1	IC5
IC LMC7101BIM	04638 SMD INTEG CIRCUIT	1	IC4
IC LMX2316-S	04599 SMD INTEG CIRCUIT	1	IC3
IC MAR3 04367	04367 SMD INTEG CIRCUIT	1	IC1
IC MAR4 04368	04368 SMD INTEG CIRCUIT	1	IC2
IND 0u22H-S 05090	05090 INDUCTOR	2	L1-2
IND CBD8 05072	05072 INDUCTOR	1	L3
JPAN10 2719	02719 PCB CONNECTOR	2	J1-2
R 0805 NOT MOUNTED	N. M. RES 1/4W 5% SMD 0805	1	R15
R 100K-S 00065C	00065C RES 1/4W 5% SMD 0805	1	R8
R 100R-S 00029B	00029B RES 1/4W 5% SMD 0805	2	R3, R22
R 10R-S 00017B	00017B RES 1/4W 5% SMD 0805	1	R9
R 15K-S 00055C	00055C RES 1/4W 5% SMD 0805	4	R10-11, R13, R18
R 18R-S 00020B	00020B RES 1/4W 5% SMD 0805	3	R4-6
R 1K0-S 00041C	00041C RES 1/4W 5% SMD 0805	4	R1-2, R7, R16
R 22K-S 00057C	00057C RES 1/4W 5% SMD 0805	2	R14, R17
R 270R-S 00034B	00034B RES 1/4W 5% SMD 0805	2	R19, R23
R 330R-S 00035C	00035C RES 1/4W 5% SMD 0805	1	R12
R 56R-S 00026A	00026A RES 1/4W 5% SMD 1206	1	R21
R 82R-S 00028A	00028A RES 1/4W 5% SMD 1206	1	R20
TR BC847 03456	03456 NPN SMD TRANSISTOR	2	TR2-3
TR BFR93A 03447	03447 NPN SMD TRANSISTOR	1	TR1
PN0745AR4	PRINTED CIRCUIT BOARD	1	-

COMPONENT LIST

Part Name/Number	Description	Qty.	Comps.
100nH	COIL IN ARIA 6 GIRI DIAMETRO 1	2	L1-2
100R-S	1/4W 5% SMD 1206 COD.0029A	1	R2
100pF-S	63V 5% SMD NP0 COD.1092	7	C1, C7-9, C12-13, C15
10K-S	1/4W 5% SMD 1206	1	R7
10R-S	1/4W 5% SMD 1206	2	R22-23
120R-S	1/4W 5% SMD 1206	1	R9
12R-S	1/4W 5% SMD 1206	1	R1
18pF-S	63V 5% SMD NP0 COD.	1	C6
1K-S	1/4W 5% SMD 1206	3	R4, R16, R18
1nF-S	63V 5% SMD NP0 COD.1096	3	C4, C11, C16
220R-S	1/4W 5% SMD 1206	1	R11
22K-S	1/4W 5% SMD 1206	1	R5
270R-S	1/4W 5% SMD 1206 COD.0034A	2	R8, R21
27pF-S	63V 5% SMD NP0	2	C2, C5
27R-S	1/4W 5% SMD 1206	1	R6
2K7-S	1/4W 5% SMD 1206	1	R10
300R-1W-S	1W 5% SMD 2512 COD.	1	R14
330R-S	1/4W 5% SMD 1206	1	R15
3K3-S	1/4W 5% SMD 1206	1	R3
4K7-S	1/4W 5% SMD 1206	1	R19
4R7-S	1/4W 5% SMD 1206	2	R12, R17
62R-1W-S	1W 5% SMD 2512 COD.	1	R20
68R-1W-S	1W 5% SMD 2512 COD.	1	R24
8.2pF-S	63V 5% SMD NP0 COD.	3	C3, C10, C14
8K2-S	1/4W 5% SMD 1206	1	R13
BFG35	NPN DA 4GHz SMD COD.3990	2	T3-4
BFR93A	NPN 35mA 300mW 6GHz COD.3447	2	T1-2

Component layout



COMPONENT LIST

Part Name/Number	Description	Qty.	Comps.
CC 100nF-S 01065C	01065CY5V 1206 COND	5	C3,C8-11
CC 100nFAVX 01065A	01065A CERAMIC COND	3	C5-7
CE 100uF50V 01795	01795 ELETT. COND.	2	C1-2
CE 10uF35V-S 01778A	01778A ELETTR SMD COND	4	C4,C12-14
DZ MMSZ5245B 03135	03135 SMD ZENER DIODE	2	DZ1-2
FUSE 2A-PCB 7543	7543 FUSE HOLDER + FUSE 5x2	1	F1
IC 7812 04321	04321 VOLTAGE REGULATOR	1	IC2
IC INA168	04600A SMD INTEG. CIRCUIT	1	IC1
IC LM317 04340	04340 INTEG CIRCUIT	1	IC5
IC LM338T	04348 INTEG CIRCUIT	1	IC4
IC LM35DT 00664	00664 INTEG CIRCUIT	1	IC3
JFC-10P 02697-02699	02697+02699 PCB CONNECTOR POL	1	J1
JSCREWCONN2 02853	02853 PCB SCREW CONNECTOR	3	J2-4
JU JUMP2 02739-02742	0 2 7 3 9 + 0 2 7 4 2		