





List of components main board

C 1	= non presente			C 49	= 100 pF	NP0	500 V	
C 2	= 47 pF	SQCB7M	SMD	C 50	= 1,0 nF		500 V	
C 3	= 2,0 pF	SQCB7M	SMD	C 51	= 1,0 nF		500 V	
C 4	= 33 pF	SQCB7M	SMD	C 52	= 100 pF	NP0	500 V	
C 5	= 189-506-5			C 53	= 100 pF	NP0	500 V	
C 6	= 1,0 nF	500 V		C 54	= 1,0 pF	NP0	50 V	
C 7	= 189-506-5			C 55	= 33 μ F		25 V	
C 8	= 33 pF	SQCB7M	SMD	C 56	= 4,7 μ F		25 V	
C 9	= 2,0 pF	SQCB7M	SMD	C 57	= 1,0 nF		50 V	
C 10	= 47 pF	SQCB7M	SMD	C 58	= 10 nF		50 V	
C 11	= 6,8 pF	SQCB7M	SMD	C 59	= 1,0 nF		50 V	
C 12	= 3,3 pF	SQCB7M	SMD	C 60	= 3 - 10 pF	Trimmer	50 V NP0 Bianco	
C 13	= 82 pF	SQCB7M	SMD	C 61	= 1,0 nF		50 V	
C 14	= 82 pF	SQCB7M	SMD	C 62	= 1,0 nF		50 V	
C 15	= 3,3 pF	SQCB7M	SMD	C 63	= 10 μ F		25 V	
C 16	= 3,3 pF	SQCB7M	SMD	C 64	= 1,0 nF		50 V	
C 17	= non presente			C 65	= 1,0 pF	NP0	50 V	
C 18	= non presente			C 66	= 1,0 nF		50 V	
C 19	= 33 pF	SQCB7M	SMD	C 67	= 1,0 nF		50 V	
C 20	= 33 pF	SQCB7M	SMD	C 68	= 10 nF		50 V	
C 21	= 189-506-5			C 69	= 470 nF		100 V	Polyester
C 22	= 189-506-5			C 70	= 100 nF		50 V	
C 23	= 189-506-5			C 71	= 1,0 nF		50 V	
C 24	= 189-506-5			C 72	= 1000 μ F		25 V	
C 25	= 10 pF	SQCB7M	SMD	C 73	= 1000 μ F		25 V	
C 26	= 10 pF	SQCB7M	SMD	C 74	= 100 nF		50 V	
C 27	= 18pF	SQCB7M	SMD	C 75	= 1,0 nF		50 V	
C 28	= 18 pF	SQCB7M	SMD	C 76	= non presente			
C 29	= non presente			C 77	= non presente			
C 30	= non presente			C 78	= 100 nF		63 V	Polyester
C 31	= 100 pF	SQCB7M	SMD	C 79	= 1,0 nF		50 V	
C 32	= 100 pF	SQCB7M	SMD	C 80	= 1,0 nF		50 V	
C 33	= 3,3 pF	SQCB7M	SMD	C 81	= 1,0 nF		50 V	
C 34	= 10 pF	SQCB7M	SMD	C 82	= 100 pF	NP0	50 V	
C 35	= non presente			C 83	= 1,0 nF		50 V	
C 36	= 6,8 pF	SQCB7M	SMD	C 84	= 1,0 nF		50 V	
C 37	= 10 nF	50 V		C 85	= 10 μ F		25 V	
C 38	= 100 μ F	25 V		C 86	= 100 nF		63 V	Polyester
C 39	= 100 pF	NP0	50 V	C 87	= 22 μ F		25 V	
C 40	= 1,0 nF	50 V		C 88	= 10 nF		50 V	
C 41	= 10 nF	50 V		C 89	= 10 nF		50 V	
C 42	= 10 μ F	25 V		C 90	= 10 nF		50 V	
C 43	= 10 μ F	25 V		C 91	= 10 nF		50 V	
C 44	= 100 pF	NP0	50 V	R 1	= 180 Ω	2 W		
C 45	= 100 pF	NP0	50 V	R 2	= 33 Ω	5 W		
C 46	= 1,0 nF	50 V		R 3	= 180 Ω	2 W		
C 47	= 1,0 nF	50 V		R 4	= 470 Ω	1 W	SMD	
C 48	= 1,0 nF	500 V		R 5	= 180 Ω	2 W		
				R 6	= 100 Ω	2 W		

$R_7 = 470 \Omega$ 1 W SMD
 $R_8 = 470 \Omega$ 1 W SMD
 $R_9 = 100 \Omega$ 5 W
 $R_{10} = 560 \Omega$ $\frac{1}{4}$ W
 $R_{11} = 470 \Omega$ $\frac{1}{4}$ W
 $R_{12} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{13} = 560 \Omega$ $\frac{1}{4}$ W
 $R_{14} = 560 \Omega$ $\frac{1}{4}$ W
 $R_{15} = 470 \Omega$ $\frac{1}{4}$ W
 $R_{16} = 470 \Omega$ $\frac{1}{4}$ W
 $R_{17} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{18} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{19} = 10 \Omega$ $\frac{1}{4}$ W
 $R_{20} = 10 \Omega$ $\frac{1}{4}$ W
 $R_{21} = 10 \Omega$ $\frac{1}{4}$ W
 $R_{22} = 10 K\Omega$ $\frac{1}{4}$ W
 $R_{23} = 2,2 K\Omega$ $\frac{1}{4}$ W
 $R_{24} = 4,7 K\Omega$ $\frac{1}{4}$ W
 $R_{25} = 2,2 K\Omega$ $\frac{1}{4}$ W
 $R_{26} = 10 K\Omega$ $\frac{1}{4}$ W
 $R_{27} = 2,2 K\Omega$ $\frac{1}{4}$ W
 $R_{28} = 2,2 K\Omega$ $\frac{1}{4}$ W
 $R_{29} = 27 \Omega$ 2 W
 $R_{30} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{31} = 10 K\Omega$ $\frac{1}{4}$ W
 $R_{32} = 4,7 K\Omega$ $\frac{1}{4}$ W
 $R_{33} = \text{non presente}$
 $R_{34} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{35} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{36} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{37} = 4,7 K\Omega$ $\frac{1}{4}$ W
 $R_{38} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{39} = 8,2 K\Omega$ $\frac{1}{4}$ W
 $R_{40} = 10 K\Omega$ $\frac{1}{4}$ W
 $R_{41} = 2,2 K\Omega$ $\frac{1}{4}$ W
 $R_{42} = 10 \Omega$ $\frac{1}{4}$ W
 $R_{43} = 1,0 K\Omega$ $\frac{1}{4}$ W
 $R_{44} = 8,2 K\Omega$ $\frac{1}{4}$ W
 $R_{45} = 4,7 K\Omega$ $\frac{1}{4}$ W
 $TRIM_1 = \text{Trimmer Vert Multigiri } 470 \Omega$
 $TRIM_2 = \text{Trimmer Vert Multigiri } 470 \Omega$
 $TRIM_3 = \text{Trimmer Vert Multigiri } 470 \Omega$
 $TRIM_4 = \text{Trimmer } 10 K\Omega PT10LV$
 $TRIM_5 = \text{Trimmer } 10 K\Omega PT10LV$
 $TRIM_6 = \text{Trimmer } 10 K\Omega PT10LV$
 $NTC_1 = \text{non presente}$
 $NTC_2 = 10 K\Omega$
 $D_1 - D_5 = 1N5711$
 $D_6 = D_7 = 1N5400$

$D_8 = D_9 = 1N4007$
 $DZ_1 = \text{Zener } 5,1 V \frac{1}{2} W$
 $Tr_1 = BC 557B$
 $Tr_2 = BC 337-25$
 $Tr_3 = BC 547B$
 $Tr_4 = BC 547B$
 $Tr_5 = \text{non presente}$
 $Tr_6 = BC 327-25$
 $Scr_1 = P 0102$
 $Mos_1 = Mos_2 = Mos_3 = RD60HUF1$
 $Ic_1 = LM 723C$
 $Ic_2 = LM 3915$
 $L_1 - L_4 = 3 \text{ coil wire } \varnothing 1,0mm \text{ on } \varnothing 3mm \text{ step } 3mm$
 $L_5 = \text{ferrite}$
 $L_6 = 7 \text{ coil wire } \varnothing 0,5mm \text{ on } \varnothing 3mm \text{ step } 3,5mm$
 $L_7 - L_8 = \text{ferrite}$
 $L_9 - L_{10} = 7 \text{ coil wire } \varnothing 0,5mm \text{ on } \varnothing 3mm \text{ step } 3,5mm$
 $L_{11} - L_{12} = \text{ferrite}$
 $L_{13} = 5 \text{ coil wire } \varnothing 1,0mm \text{ on } \varnothing 4mm \text{ step } 5mm$
 $L_{14} - L_{17} = \text{ferrite}$
 $L_{18} = L_{19} = 5 \text{ coil wire } \varnothing 1,0mm \text{ on } \varnothing 4mm \text{ step } 5mm$
 $L_{20} = 2,2 \mu H$
 $RI_1 = RK1-12V$
 $RI_2 = CX-120P$
 $RI_2 = 30.22.7.012$
 $Fuse_1 = 12 A$
 $Fuse_2 = 12 A$
 $S_1 = 80^\circ C$
 $Conn_1 = 20 \text{ poles connector}$
 $Conn_2 = 2 \text{ poles } 40A \text{ connector}$

List of components front board

$Led_1 = TX \text{ Red led}$
 $Led_2 = Lin ON \text{ Green Led}$
 $Led_3 = \text{Protection Red Led}$
 $\text{from } Led_4 = \text{to } Led_{10} = \text{Watt-meter Green Leds}$
 $S_1 = \text{SSB delay ON/OFF}$
 $S_2 = \text{Lin ON/OFF}$
 $Conn_3 = 20 \text{ poles connector}$