

## 6.6 One-channel MINI receiver component list

NOMECOMP	CODCOMP	DESCRCOMP
	YRMXRADO1US0	Y XRADO RICEVITORE MINI 1CH
CS	ZAD1037	CIRC.STAMP. DOPPIO LATO 1037AB
R1	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R2	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R3	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R4	ZBA21J223	RESIST.0805 1/8W 5% 22 KOhm
R5	ZBA21J123	RESIST.0805 1/8W 5% 12 KOhm
R6	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R7	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R8	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R9	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R11	ZBA21J104	RESIST.0805 1/8W 5% 100 KOhm
R12	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R13	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R14	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R15	ZBA21J183	RESIST.0805 1/8W 5% 18KOhm
R17	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R18	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R19	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R20	ZBA31J680	RESIST.1206 1/8W 5% 68 Ohm
R21	ZBB100J121	RESIST.ASS. 1W 5% 120 Ohm
R22	-	
C1	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C2	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C3	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C4	ZCA2.2CA21	COND.CER.0805 NPO C 50V 2.2pF
C5	ZCA3.3CA21	COND.CER.0805 NPO C 50V 3.3pF
C6	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
C8	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C9	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C10	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C11	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C12	ZCA151JA21	COND.CER.0805 NPO J 50V 150pF
C13	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C15	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C16	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C17	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C18	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C19	ZCA680JA21	COND.CER.0805 NPO J 50V 68pF
C20	-	
C21	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C22	ZCA8.2CA21	COND.CER.0805 NPO C 50V 8.2pF
C23	ZCA474KD21	COND CERAMICO SMT 0805 470nF
C24	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C25	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C26	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C27	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C28	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C29	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C30	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF

C32	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C33	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C34	ZCA104KD31	COND.CER.1206 X7R K 50V 100nF
C35	ZEA103J10005	COND.SCAT.MKT 10nF 100V J P5
C36	-	
C37	ZCA105ZC21	COND.CER. 0805 Y5V 1uF 16V
C38	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
CE1	ZDD221M3505	COND.EL.220uF 35V M P5 10x12.5
CE2	ZDA470M35	COND.EL.SMT 47uF 35V M 6.3x6.3
CE3	ZDA220M16	COND.EL.SMT 22uF 16V M 5x5 WX
CE4	ZDA100M16	COND.EL.SMT 10uF 16V M 4x5 WX
L1	ZMD.68M32	INDUTTANZA SMT 0.68uH 3,2x2,5M
L6	ZMD1.0K32	INDUTTANZA SMT 1.0uH 3.2X2.5 K
L4	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L5	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L8	ZMD010K32	INDUTTANZA SMT 10nH K MURATA
D1	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D2	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D3	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D4	ZHL23LTL907NA	DIODO LED SOT23 ROSSO NASTRATO
D7	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D8	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D9	ZHABB619	DIODO VARICAP SMT BB619
D6	ZHA42M5	DIODO SMT M5 600V 1A
T1	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T2	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T3	ZFA23BC817-25	TRANSISTOR SMT SOT 23 BC817-25
I1	ZGL78L05	STAB. SMT 78L05F 5V 150mA
IC1	ZGANM24C16EM8	CIRC.INT. NM24C16EM8 NATIONAL
IC2	ZGAMC33064	CIRC.INT. SMT MC33064D-5 (SO8)
IC3	ZGAKESRX01	CIRC. INT. SMT KESRX01
IC4	ZGAPIC16C58A	MICROPR.SMT PIC16C58A-04I/SO
Z2	ZHT005SMT	ZENAMIC 5 VOLT SMT
Q1	ZIB6.775	QUARZO HC59 6.775MHz
P1	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P2	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
RL1	ZLRS1C09	RELE SUBMIN. 1 SCAMBIO 9V
M1	ZPM10P	MORS.10 POLI P=5 BASSO PROFILO
J1	-	
J2	ZPA02M	PIN STRIP MASCHIO 2 PINS
..	ZPTJUMPER2.5	JUMPER PASSO 2.54mm
T.P.	ZPA1F	PIN FEMMINA DA C.S.

## 6.7 Two-channel MINI receiver component list

NOMECOMP	CODCOMP	DESCRCOMP
	YRMXRADO2US0	Y XRADO RICEVITORE MINI 2CH
CS	ZAD1037	CIRC.STAMP. DOPPIO LATO 1037AB
R1	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R2	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R3	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R4	ZBA21J223	RESIST.0805 1/8W 5% 22 KOhm
R5	ZBA21J123	RESIST.0805 1/8W 5% 12 KOhm
R6	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R7	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R8	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R9	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R10	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R11	ZBA21J104	RESIST.0805 1/8W 5% 100 KOhm
R12	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R13	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R14	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R15	ZBA21J183	RESIST.0805 1/8W 5% 18KOhm
R17	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R18	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R19	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R20	ZBA31J680	RESIST.1206 1/8W 5% 68 Ohm
R21	ZBB100J121	RESIST.ASS. 1W 5% 120 Ohm
R22	-	
C1	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C2	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C3	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C4	ZCA2.2CA21	COND.CER.0805 NPO C 50V 2.2pF
C5	ZCA3.3CA21	COND.CER.0805 NPO C 50V 3.3pF
C6	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
C8	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C9	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C10	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C11	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C12	ZCA151JA21	COND.CER.0805 NPO J 50V 150pF
C13	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C15	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C16	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C17	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C18	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C19	ZCA680JA21	COND.CER.0805 NPO J 50V 68pF
C20	-	
C21	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C22	ZCA8.2CA21	COND.CER.0805 NPO C 50V 8.2pF
C23	ZCA474KD21	COND CERAMICO SMT 0805 470nF
C24	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C25	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C26	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C27	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C28	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C29	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C30	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF

C32	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C33	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C34	ZCA104KD31	COND.CER.1206 X7R K 50V 100nF
C35	ZEA103J10005	COND.SCAT.MKT 10nF 100V J P5
C36	-	
C37	ZCA105ZC21	COND.CER. 0805 Y5V 1uF 16V
C38	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
CE1	ZDD221M3505	COND.EL.220uF 35V M P5 10x12.5
CE2	ZDA470M35	COND.EL.SMT 47uF 35V M 6.3x6.3
CE3	ZDA220M16	COND.EL.SMT 22uF 16V M 5x5 WX
CE4	ZDA100M16	COND.EL.SMT 10uF 16V M 4x5 WX
L1	ZMD.68M32	INDUTTANZA SMT 0.68uH 3,2x2,5M
L6	ZMD1.0K32	INDUTTANZA SMT 1.0uH 3.2X2.5 K
L4	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L5	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L8	ZMD010K32	INDUTTANZA SMT 10nH K MURATA
D1	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D2	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D3	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D4	ZHL23LTL907NA	DIODO LED SOT23 ROSSO NASTRATO
D7	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D8	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D9	ZHABB619	DIODO VARICAP SMT BB619
D6	ZHA42M5	DIODO SMT M5 600V 1A
T1	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T2	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T3	ZFA23BC817-25	TRANSISTOR SMT SOT 23 BC817-25
T4	ZFA23BC817-25	TRANSISTOR SMT SOT 23 BC817-25
I1	ZGL78L05	STAB. SMT 78L05F 5V 150mA
IC1	ZGANM24C16EM8	CIRC.INT. NM24C16EM8 NATIONAL
IC2	ZGAMC33064	CIRC.INT. SMT MC33064D-5 (SO8)
IC3	ZGAKESRX01	CIRC. INT. SMT KESRX01
IC4	ZGAPIC16C58A	MICROPR.SMT PIC16C58A-04I/SO
Z2	ZHT005SMT	ZENAMIC 5 VOLT SMT
Q1	ZIB6.775	QUARZO HC59 6.775MHz
P1	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P2	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
RL1	ZLRS1C09	RELE SUBMIN. 1 SCAMBIO 9V
RL2	ZLRS1C09	RELE SUBMIN. 1 SCAMBIO 9V
M1	ZPM10P	MORS.10 POLI P=5 BASSO PROFILO
J1	-	
J2	ZPA04M-5,08	PIN 4 VIE PASSO 5,08
J2	ZPA07M	PIN 7 VIE PASSO 2,54
..	ZPTJUMPER2.5	JUMPER PASSO 2.54mm
T.P.	ZPA1F	PIN FEMMINA DA C.S.

## 6.8 One-channel CARD receiver component list

NOMECOMP	CODCOMP	DESCRCOMP
	YRSXRADO1US0	Y XRADO RICEVITORE SCHEDA 1CH
CS	ZAD1037	CIRC.STAMP. DOPPIO LATO 1037AB
R1	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R2	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R3	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R4	ZBA21J223	RESIST.0805 1/8W 5% 22 KOhm
R5	ZBA21J123	RESIST.0805 1/8W 5% 12 KOhm
R6	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R7	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R8	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R9	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R11	ZBA21J104	RESIST.0805 1/8W 5% 100 KOhm
R12	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R13	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R14	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R15	ZBA21J183	RESIST.0805 1/8W 5% 18KOhm
R17	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R18	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R19	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R20	ZBA31J680	RESIST.1206 1/8W 5% 68 Ohm
R21	ZBB100J121	RESIST.ASS. 1W 5% 120 Ohm
R22	-	
C1	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C2	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C3	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C4	ZCA2.2CA21	COND.CER.0805 NPO C 50V 2.2pF
C5	ZCA3.3CA21	COND.CER.0805 NPO C 50V 3.3pF
C6	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
C8	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C9	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C10	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C1.1	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C12	ZCA151JA21	COND.CER.0805 NPO J 50V 150pF
C13	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C15	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C16	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C17	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C18	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C19	ZCA680JA21	COND.CER.0805 NPO J 50V 68pF
C20	-	
C21	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C22	ZCA8.2CA21	COND.CER.0805 NPO C 50V 8.2pF
C23	ZCA474KD21	COND.CERAMICO SMT 0805 470nF
C24	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C25	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C26	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C27	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C28	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C29	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C30	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C32	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF

C33	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C34	ZCA104KD31	COND.CER.1206 X7R K 50V 100nF
C35	ZEA103J10005	COND.SCAT.MKT 10nF 100V J P5
C36	-	
C37	ZCA105ZC21	COND.CER. 0805 Y5V 1uF 16V
C38	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
CE1	ZDD221M3505	COND.EL.220uF 35V M P5 10x12.5
CE2	ZDA470M35	COND.EL.SMT 47uF 35V M 6.3x6.3
CE3	ZDA220M16	COND.EL.SMT 22uF 16V M 5x5 WX
CE4	ZDA100M16	COND.EL.SMT 10uF 16V M 4x5 WX
L1	ZMD.68M32	INDUTTANZA SMT 0.68uH 3,2x2,5M
L6	ZMD1.0K32	INDUTTANZA SMT 1.0uH 3.2X2.5 K
L4	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L5	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L8	ZMD010K32	INDUTTANZA SMT 10nH K MURATA
D1	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D2	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D3	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D4	ZHL23LTL907NA	DIODO LED SOT23 ROSSO NASTRATO
D7	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D8	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D9	ZHABB619	DIODO VARICAP SMT BB619
D6	ZHA42M5	DIODO SMT M5 600V 1A
T1	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T2	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T3	ZFA23BC817-25	TRANSISTOR SMT SOT 23 BC817-25
I1	ZGL78L05	STAB. SMT 78L05F 5V 150mA
IC1	ZGANM24C16EM8	CIRC.INT. NM24C16EM8 NATIONAL
IC2	ZGAMC33064	CIRC.INT. SMT MC33064D-5 (SO8)
IC3	ZGAKESRX01	CIRC. INT. SMT KESRX01
IC4	ZGAPIC16C58A	MICROPR.SMT PIC16C58A-04I/SO
Z2	ZHT005SMT	ZENAMIC 5 VOLT SMT
Q1	ZIB6.775	QUARZO HC59 6.775MHz
P1	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P2	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
RL1	ZLRS1C09	RELE SUBMIN. 1 SCAMBIO 9V
M2	ZPM02	MORSETTIERA 2 POLI PASSO 5
J1	-	
J2	ZPA02M	PIN STRIP MASCHIO 2 PINS
..	ZPTJUMPER2.5	JUMPER PASSO 2.54mm
J3	ZPA001636838	CONN.FEMMINA 10 VIE TIPO STRIP
T.P.	ZPA1F	PIN FEMMINA DA C.S.

## 6.9 Two-channel CARD receiver component list

NOMECOMP	CODCOMP	DESCRCOMP
	YRSXRADO2US0	Y XRADO RICEVITORE SCHEDA 2CH
CS	ZAD1037	CIRC.STAMP. DOPPIO LATO 1037AB
R1	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R2	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R3	ZBA21J333	RESIST.0805 1/8W 5% 33 KOhm
R4	ZBA21J223	RESIST.0805 1/8W 5% 22 KOhm
R5	ZBA21J123	RESIST.0805 1/8W 5% 12 KOhm
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R7	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R8	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R9	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R10	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R11	ZBA21J104	RESIST.0805 1/8W 5% 100 KOhm
R12	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R13	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R14	ZBA21J473	RESIST.0805 1/8W 5% 47 KOhm
R15	ZBA21J183	RESIST.0805 1/8W 5% 18KOhm
R17	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R18	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R19	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R20	ZBA31J680	RESIST.1206 1/8W 5% 68 Ohm
R21	ZBB100J121	RESIST.ASS. 1W 5% 120 Ohm
R22	-	
C1	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C2	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C3	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C4	ZCA2.2CA21	COND.CER.0805 NPO C 50V 2.2pF
C5	ZCA3.3CA21	COND.CER.0805 NPO C 50V 3.3pF
C6	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
C8	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C9	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C10	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C11	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C12	ZCA151JA21	COND.CER.0805 NPO J 50V 150pF
C13	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C15	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C16	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C17	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C18	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C19	ZCA680JA21	COND.CER.0805 NPO J 50V 68pF
C20	-	
C21	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C22	ZCA8.2CA21	COND.CER.0805 NPO C 50V 8.2pF
C23	ZCA474KD21	COND CERAMICO SMT 0805 470nF
C24	ZCA221JA21	COND.CER.0805 NPO J 50V 220pF
C25	ZCA471JA21	COND.CER.0805 NPO J 50V 470pF
C26	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C27	ZCA330JA21	COND.CER.0805 NPO J 50V 33pF
C28	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C29	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C30	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF

C32	ZCA104MD21	COND.CER.0805 X7R M 25V 100nF
C33	ZCA100JA21	COND.CER.0805 NPO J 50V 10pF
C34	ZCA104KD31	COND.CER.1206 X7R K 50V 100nF
C35	ZEA103J10005	COND.SCAT.MKT 10nF 100V J P5
C36	-	
C37	ZCA105ZC21	COND.CER. 0805 Y5V 1uF 16V
C38	ZCA101JA21	COND.CER.0805 NPO J 50V 100pF
CE1	ZDD221M3505	COND.EL.220uF 35V M P5 10x12.5
CE2	ZDA470M35	COND.EL.SMT 47uF 35V M 6.3x6.3
CE3	ZDA220M16	COND.EL.SMT 22uF 16V M 5x5 WX
CE4	ZDA100M16	COND.EL.SMT 10uF 16V M 4x5 WX
L1	ZMD.68M32	INDUTTANZA SMT 0.68uH 3,2x2,5M
L6	ZMD1.0K32	INDUTTANZA SMT 1.0uH 3.2X2.5 K
L4	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L5	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L8	ZMD010K32	INDUTTANZA SMT 10nH K MURATA
D1	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D2	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D3	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D4	ZHL23LTL907NA	DIODO LED SOT23 ROSSO NASTRATO
D7	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D8	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D9	ZHABB619	DIODO VARICAP SMT BB619
D6	ZHA42M5	DIODO SMT M5 600V 1A
T1	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T2	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T3	ZFA23BC817-25	TRANSISTOR SMT SOT 23 BC817-25
T4	ZFA23BC817-25	TRANSISTOR SMT SOT 23 BC817-25
U1	ZGL78L05	STAB. SMT 78L05F 5V 150mA
IC1	ZGANM24C16EM8	CIRC.INT. NM24C16EM8 NATIONAL
IC2	ZGAMC33064	CIRC.INT. SMT MC33064D-5 (SO8)
IC3	ZGAKESRX01	CIRC. INT. SMT KESRX01
IC4	ZGAPIC16C58A	MICROPR.SMT PIC16C58A-04I/SO
Z2	ZHT005SMT	ZENAMIC 5 VOLT SMT
Q1	ZIB6.775	QUARZO HC59 6.775MHz
P1	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P2	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
RL1	ZLRS1C09	RELE SUBMIN. 1 SCAMBIO 9V
RL2	ZLRS1C09	RELE SUBMIN. 1 SCAMBIO 9V
M2	ZPM02	MORSETTIERA 2 POLI PASSO 5
J1	-	
J2	ZPA04M-5,08	PIN 4 VIE PASSO 5,08
J2	ZPA07M	PIN 7 VIE PASSO 2,54
..	ZPTJUMPER2.5	JUMPER PASSO 2.54mm
J3	ZPA001636838	CONN.FEMMINA 10 VIE TIPO STRIP
T.P.	ZPA1F	PIN FEMMINA DA C.S.



## 5.4 Two-channel transmitter component list

NOMECOMP	CODCOMP	DESCRCOMP
	YTRXRADO2US0	Y X-RADO US TRASMETTITORE 2CH
CS	ZAD0968	CIRC.STAMP.DOPPIO LATO 968AB
R1	ZBA21J222	RESIST.0805 1/8W 5% 2.2 KOhm
R3	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R4	ZBA21J220	RESIST.0805 1/8W 5% 22 Ohm
R5	-	
R6	ZBA21J000	RESIST.0805 1/8W 5% 0 Ohm
R13	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R14	ZBA21J183	RESIST.0805 1/8W 5% 18KOhm
R15	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R17	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R18	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
C1	ZCA6.8CA21	COND.CER.0805 NPO C 50V 6.8pF
C2	ZCA390JA21	COND.CER.0805 NPO J 50V 39pF
C3	ZCA151JA21	COND.CER.0805 NPO J 50V 150pF
C4	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C5	ZCA5.6CA21	COND.CER.0805 NPO C 50V 5.6pF
C7	ZCA3.3CA21	COND.CER.0805 NPO C 50V 3.3pF
C8	-	
C9	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C10	ZHLHSMSC670	DIODO LED SMT 0805 ROSSO
C11	-	
C12	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C13	ZCA390JA21	COND.CER.0805 NPO J 50V 39pF
C14	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C15	-	
C16	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
D3	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D4	ZHA23BAV70	DIODO SMT SOT23 BAV 70
T2	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T7	ZFA23BC847B	TRANSISTOR SMT SOT 23 BC 847B
IC1	ZGAHCS200-ISN	CIRC.INT.SMT uP HCS200-I/SN
L1	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L5	ANTENNA PRINTED ON THE CIRCUIT BOARD	
Q1	ZIR433.92-SMT	RIS.SMT 433.92 MHz R02101A RFM
P5	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P7	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
B1	XVVPILA435S-	X LAMELLA PILA 435 SINISTRA(-)
B2	XVVPILA435D+	X LAMELLA PILA 435 DESTRA (+)
J1	-	

5.5 *Four-channel transmitter component list*

NOMECOMP	CODCOMP	DESCRCOMP
	YTRXRADO4US0	Y X-RADO US TRASMETTITORE 4CH
CS	ZAD0968	CIRC.STAMP.DOPPIO LATO 968AB
R1	ZBA21J222	RESIST.0805 1/8W 5% 2.2 KOhm
R2	ZBA21J000	RESIST.0805 1/8W 5% 0 Ohm
R3	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R4	ZBA21J220	RESIST.0805 1/8W 5% 22 Ohm
R5	-	
R6	-	
R13	ZBA21J472	RESIST.0805 1/8W 5% 4.7 KOhm
R14	ZBA21J183	RESIST.0805 1/8W 5% 18KOhm
R15	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
R17	ZBA21J103	RESIST.0805 1/8W 5% 10 KOhm
R18	ZBA21J102	RESIST.0805 1/8W 5% 1 KOhm
C1	ZCA6.8CA21	COND.CER.0805 NPO C 50V 6.8pF
C2	ZCA390JA21	COND.CER.0805 NPO J 50V 39pF
C3	ZCA151JA21	COND.CER.0805 NPO J 50V 150pF
C4	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C5	ZCA5.6CA21	COND.CER.0805 NPO C 50V 5.6pF
C7	ZCA3.3CA21	COND.CER.0805 NPO C 50V 3.3pF
C8	-	
C9	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C10	ZHLHSMSC670	DIODO LED SMT 0805 ROSSO
C11	-	
C12	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C13	ZCA390JA21	COND.CER.0805 NPO J 50V 39pF
C14	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
C15	-	
C16	ZCA102KD21	COND.CER.0805 X7R K 50V 1nF
D1	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D2	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D3	ZHA23BAV70	DIODO SMT SOT23 BAV 70
D4	ZHA23BAV70	DIODO SMT SOT23 BAV 70
T2	ZFA23S852T	TRANSISTOR SOT23 S852T TFK
T7	ZFA23BC847B	TRANSISTOR SMT SOT 23 BC 847B
IC1	ZGAHCS200-ISN	CIRC.INT.SMT uP HCS200-I/SN
L1	ZMD022K32	INDUTTANZA SMT 22nH K MURATA
L5	ANTENNA PRINTED ON THE CIRCUIT BOARD	
Q1	ZIR433.92-SMT	RIS.SMT 433.92 MHz R02101A RFM
P5	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P6	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P7	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
P8	ZLIB3S.1002P	TASTO SMT B3S.1002P OMRON
B1	XVVPILA435S-	X LAMELLA PILA 435 SINISTRA(-)
B2	XVVPILA435D+	X LAMELLA PILA 435 DESTRA (+)
J1	-	