

Fig. 13 — Schema elettrico LF 760/R

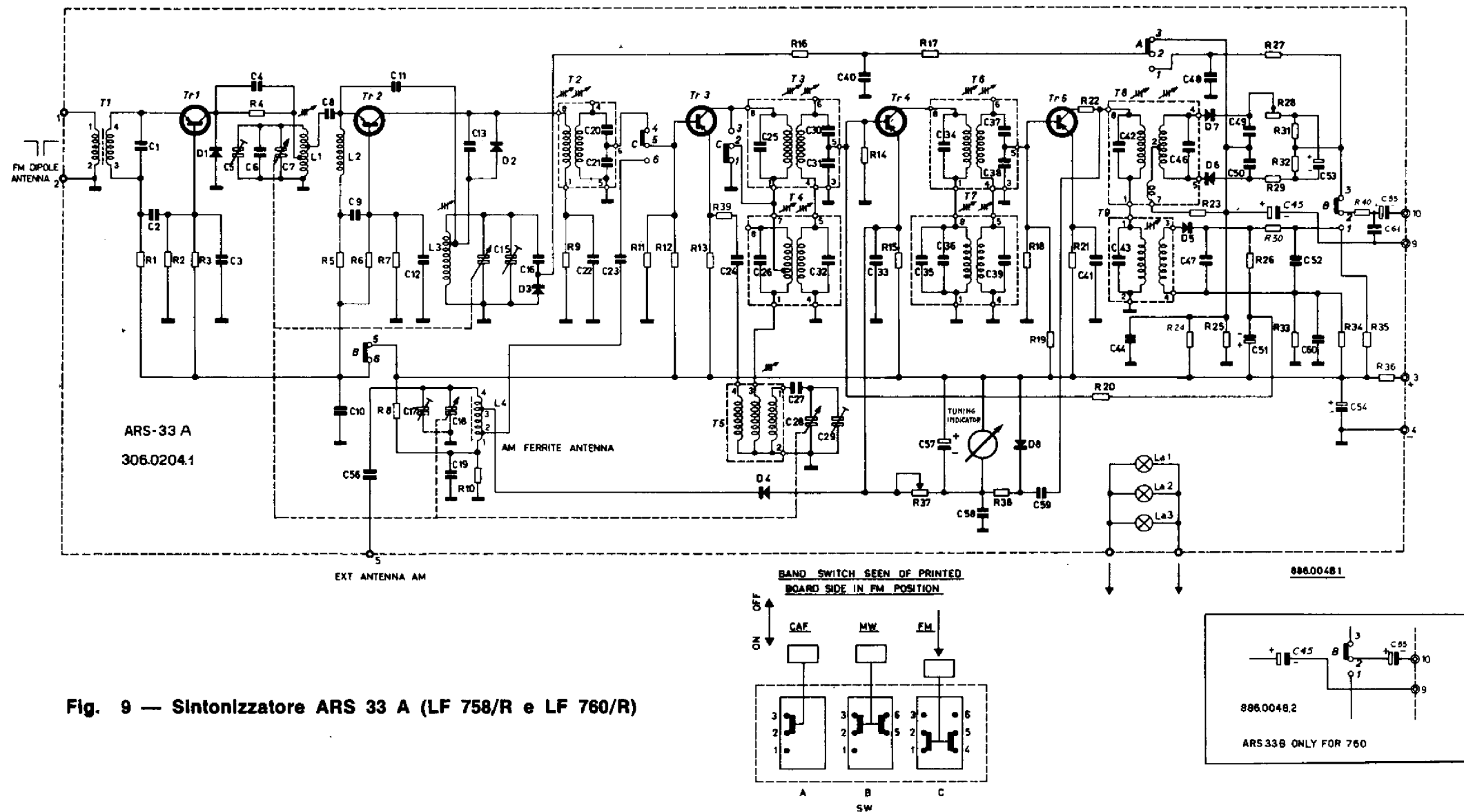


Fig. 9 — Sintonizzatore ARS 33 A (LF 758/R e LF 760/R)

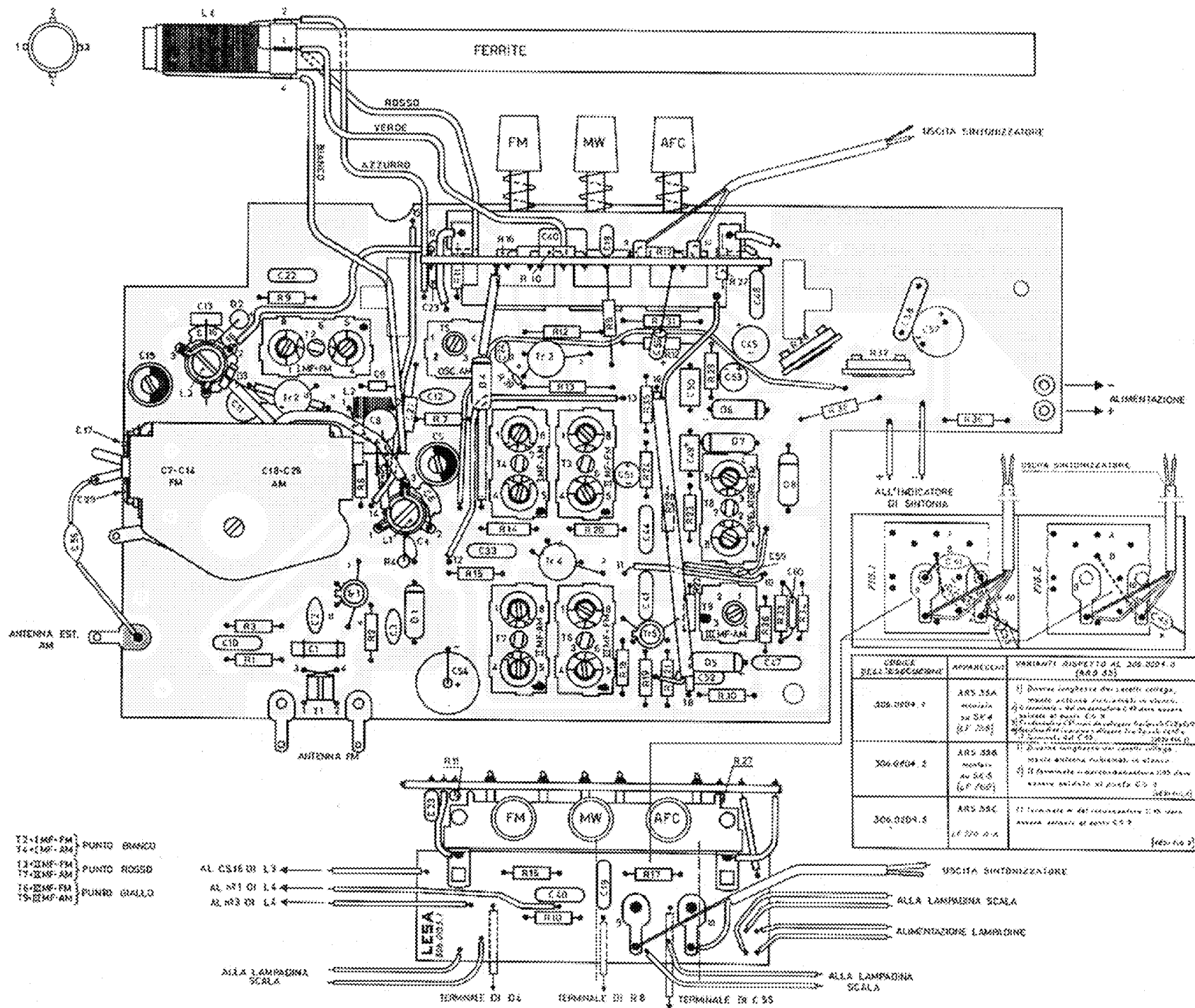


Fig. 8 — Circuito stampato sintonizzatore ARS 33 A (LF 758/R) e B (LF 760/R)

TUNER ARS 33 A for LF758/R and ARS 33B for LF760/R

Resistors

R 1	=	820	Ω ± 5%	0,125 W	269.1006.6
R 2	=	10	KΩ ± 5%	0,125 W	269.1011.8
R 3	=	3,9	KΩ ± 5%	0,125 W	269.1009.4
R 4	=	120	Ω ± 5%	0,125 W	269.1002.6
R 5	=	820	Ω ± 5%	0,125 W	269.1006.6
R 6	=	2,2	KΩ ± 5%	0,125 W	269.1008.6
R 7	=	10	KΩ ± 5%	0,125 W	269.1011.3
R 8	=	180	Ω ± 5%	0,125 W	269.1003.4
R 9	=	68	Ω ± 5%	0,125 W	269.1001.2
R10	=	8,2	KΩ ± 5%	0,125 W	269.1011.4
R11	=	18	KΩ ± 5%	0,125 W	269.1013.4
R12	=	5,6	KΩ ± 5%	0,125 W	269.1010.2
R13	=	1,8	KΩ ± 5%	0,125 W	269.1008.2
R14	=	100	KΩ ± 5%	0,125 W	269.1018.2
R15	=	680	Ω ± 5%	0,125 W	269.1006.2
R16	=	100	KΩ ± 5%	0,125 W	269.1018.2
R17	=	100	KΩ ± 5%	0,125 W	269.1018.2
R18	=	18	KΩ ± 5%	0,125 W	269.1013.4
R19	=	5,6	KΩ ± 5%	0,125 W	269.1010.2
R20	=	820	Ω ± 5%	0,125 W	269.1006.6
R21	=	470	Ω ± 5%	0,125 W	269.1005.4
R22	=	220	Ω ± 5%	0,125 W	269.1004.2
R23	=	100	Ω ± 5%	0,125 W	269.1002.0
R24	=	15	KΩ ± 5%	0,125 W	269.1012.6
R25	=	18	KΩ ± 5%	0,125 W	269.1013.4
R26	=	10	KΩ ± 5%	0,125 W	269.1011.8
R27	=	220	KΩ ± 5%	0,125 W	269.1019.4
R28	=	SW 16/A 4,7 KΩ	TRIMMER		706.100.3
R29	=	1	KΩ ± 5%	0,125 W	269.1007.0
R30	=	470	Ω ± 5%	0,125 W	269.1005.4
R31	=	18	KΩ ± 5%	0,125 W	269.1013.4
R32	=	18	KΩ ± 5%	0,125 W	269.1013.4
R33	=	4,7	KΩ ± 5%	0,125 W	269.1009.8
R34	=	100	Ω ± 5%	0,125 W	269.1002.0
R35	=	10	KΩ ± 5%	0,125 W	269.1011.8
R36	=	100	Ω ± 5%	0,125 W	269.1002.0
R37	=	SW 16/A 10 KΩ	TRIMMER		706.1000.4
R38	=	22	KΩ ± 5%	0,125 W	269.1014.2
R39	=	22	Ω ± 5%	0,125 W	269.1025.4

for LF758/R Only

R40	=	47	KΩ ± 5%	0,125 W	269.1015.8
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Capacitors

C 1	=	3,3	pF	—	125 Vn Plastic dielectric	268.1010.6
C 2	=	1	nF	—	500 Vn Ceramic	267.6002.2
C 3	=	1	nF	—	500 Vn Ceramic	267.6002.2
C 4	=	1	nF	—	500 Vn Ceramic	267.6002.2
C 5	=	FM aerial trimmer	capacitor			268.0001.0
C 6	=	5,6	pF	—	600 Vn Ceramic	267.6000.1
C 7	=	FM aerial tuning	capacitor			268.0003.0
C 8	=	4	pF	—		
C 9	=	500	F	—	33 Vn Synthetic	268.1000.4
C10	=	10	nF	—	250 Vn Synthetic	268.1004.8
C11	=	5,6	pF	—	500 Vn Ceramic	267.6000.1
C12	=	1	nF	—	500 Vn Ceramic	267.6002.2
C13	=	120	pF	—	500 Vn Mica	267.6002.2
C14	=	FM oscillator	tuning capacitor			268.0003.0
C15	=	FM oscillator	trimmer capacitor			268.0001.0
C16	=	8,2	pF	—	500 Vn Ceramic	267.6000.2
C17	=	MV aerial trimmer	capacitor			268.0003.0
C18	=	MW aerial tuning	capacitor			268.0003.0
C19	=	47	nF	—	250 Vn Synthetic	268.1006.9
C20	=	250	pF	—	33 Vn Synthetic	268.1009.9
C21	=	1800	pF	—	30 Vn Synthetic	268.1009.8
C22	=	47	nF	—	250 Vn Synthetic	268.1006.9
C23	=	47	nF	—	250 Vn Synthetic	268.1006.9
C24	=	27	nF	—	250 Vn Synthetic	268.1005.9
C25	=	270	pF	—	33 Vn Synthetic	268.1010.0
C26	=	1000	pF	—	250 Vn Synthetic	268.1000.6

SW

C27	=	220	pF padding	33 Vn Synthetic	268.1000.0
C28	=	MW oscillator	tuning capacitor		268.0003.0
C29	=	MW oscillator	trimmer capacitor		268.0003.0
C30	=	300	pF	33 Vn Synthetic	268.1010.1
C31	=	1800	pF	33 Vn Synthetic	268.1009.8
C32	=	1500	pF	33 Vn Synthetic	268.1010.2
C33	=	27	nF	250 Vn Synthetic	268.1004.8
C34	=	270	pF	250 Vn Synthetic	268.1005.9
C35	=	1800	pF	33 Vn Synthetic	268.1010.0
C36	=	900	pF	33 Vn Synthetic	268.1009.8
C37	=	300	pF	33 Vn Synthetic	268.1000.5
C38	=	1800	pF	33 Vn Synthetic	268.1010.1
C39	=	1500	pF	33 Vn Synthetic	268.1009.8
C40	=	10	nF	33 Vn Synthetic	268.1010.2
C41	=	27	nF	250 Vn Synthetic	268.1005.9
C42	=	70	pF	33 Vn Synthetic	268.1010.3
C43	=	2000	pF	33 Vn Synthetic	268.1001.8
C44	=	10	nF	250 Vn Synthetic	268.1004.8
C45	=	100	μF	6 Vn Electrolytic	267.9007.0
C46	=	60	pF	30 Vn Synthetic	268.1010.4
C47	=	10	nF	250 Vn Synthetic	268.1004.8
C48	=	47	nF	250 Vn Synthetic	268.1006.9
C49	=	300	pF	33 Vn Synthetic	268.1000.2
C50	=	300	pF	33 Vn Synthetic	268.1000.2
C51	=	10	μF	6 Vn Electrolytic	267.9002.8
C52	=	10	nF	250 Vn Synthetic	268.1004.8
C53	=	5	μF	15 Vn Electrolytic	267.9001.2
C54	=	1000	μF	12 Vn Electrolytic	267.9011.0
C55	=	1	μF	40 Vn Electrolytic	267.9000.1
C56	=	2,2	pF	500 Vn Ceramic	267.6004.0
C57	=	250	μF	3 Vn Electrolytic	267.9009.0
C58	=	10	nF	250 Vn Synthetic	268.1004.8
C59	=	22	pF	500 Vn Ceramic	267.6004.1
C60	=	47	nF	250 Vn Synthetic	268.1006.9

for LF758/R Only

C61	=	1000	pF	—	30 Vn Ceramic	268.1000.6
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Transistors

Tr1	=	AF 121	PHILIPS	260.2033.0
Tr2	=	AF 115	PHILIPS	260.2023.0
Tr3	=	AF 116	PHILIPS	260.2013.0
Tr4	=	AF 116	PHILIPS	260.2013.0
Tr5	=	AF 121	PHILIPS	260.2033.0

Diodes

D1	=	Diode OA 79	PHILIPS	260.1305.0
D2	=	Diode OA 79	PHILIPS	260.1305.0
D3	=	BA 102 y.p.	PHILIPS (varicap)	260.1310.0
D4	=	Diode OA 79	PHILIPS	260.1305.0
D5	=	Diode OA 79	PHILIPS	260.1305.0
D6-D7	=	Matched 2 x OA 79	PHILIPS	260.2012.0
D8	=	Diode OA 79	PHILIPS	260.1305.0

Coils

T1	=	FM input	transformer	263.9009.0
T2	=	FM 1 st	IF transformer	263.9017.0
T3	=	FM 2 nd	IF transformer	263.9016.0
T4	=	MW 1 st	IF transformer	263.9014.0
T5	=	MW oscillator	coil	263.9012.0
T6	=	FM 3 rd	IF transformer	263.9016.0
T7	=	MW 2 nd	IF transformer	263.9015.0
T8	=	FM 4 th	IF transformer (FM ratio detector)	263.9018.0
T9	=	MW 3 rd	IF transformer (MW detector)	263.9013.0
L1	=	FM aerial	coil	263.9011.0
L2	=	RF choke		264.2002.0
L3	=	FM oscillator	coil	236.9010.0
L4	=	MW aerial	coil	263.9008.0

Input Switch (SW1) for LF758/R Only

Resistors

R1-R101	=	150 K Ω \pm 5% 0,125 W	269.1019.0
R2-R102	=	470 K Ω \pm 5% 0,125 W	269.1021.4

Capacitors

C1-C101	=	4,7 nF 600 Vn Ceramic	267.6003.0
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Supply for LF758/R Only

Resistors

R1	=	560 Ω \pm 5% 1 W	269.1025.4
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Capacitors

C1	=	100 nF 50 Vn Plastic dielectric	267.6004.5
C2	=	100 nF 50 Vn Plastic dielectric	267.6004.5
C4	=	100 nF 50 Vn Plastic dielectric	267.6004.5
C3	=	2000 μ F 25 Vn Electrolytic	267.9011.4
C5	=	1000 μ F 12 Vn Electrolytic	267.9010.9

Diodes

Rd1-Rd2	=	2E2 IRCI	260.1013.0
		or TR05 of TR05A RAYTHEON-ELSI	260.1019.0
D1	=	Zener Diode 1Z 9,1 T5 IRCI	260.1507.0

Input Switch (SW1) for LF760/R Only

Resistors

R1-R101	=	82 K Ω \pm 5% 0,125 W	269.1017.6
R2-R102	=	470 K Ω \pm 5% 0,125 W	269.1021.4

Capacitors

C1-C101	=	4,7 nF 600 Vn Ceramic	267.6003.0
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Supply for LF760/R Only

Capacitors

C1	=	100 nF 50 Vn Plastic dielectric	267.6004.5
C2	=	100 nF 50 Vn Plastic dielectric	267.6004.5
C4	=	100 nF 50 Vn Plastic dielectric	267.6004.5
C3	=	2000 μ F 25 Vn Electrolytic	267.9011.4

Diode

Rd1-Rd2	=	2E2 IRCI	260.1013.0
		or TR05 or TR05A RAYTHEON-ELSI	260.1019.0

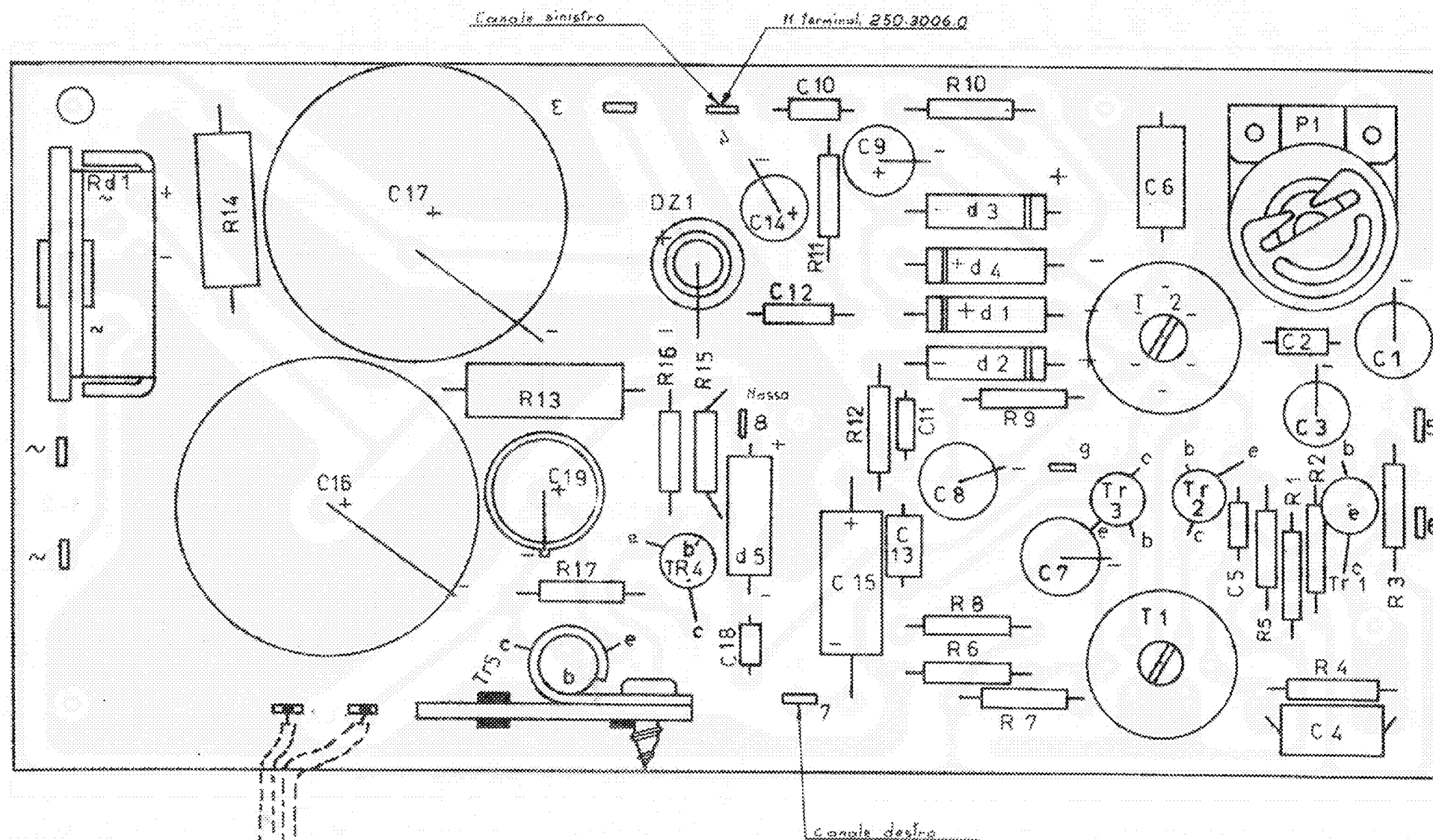


Fig. 10 — Circuito stampato Decoder D C D 3

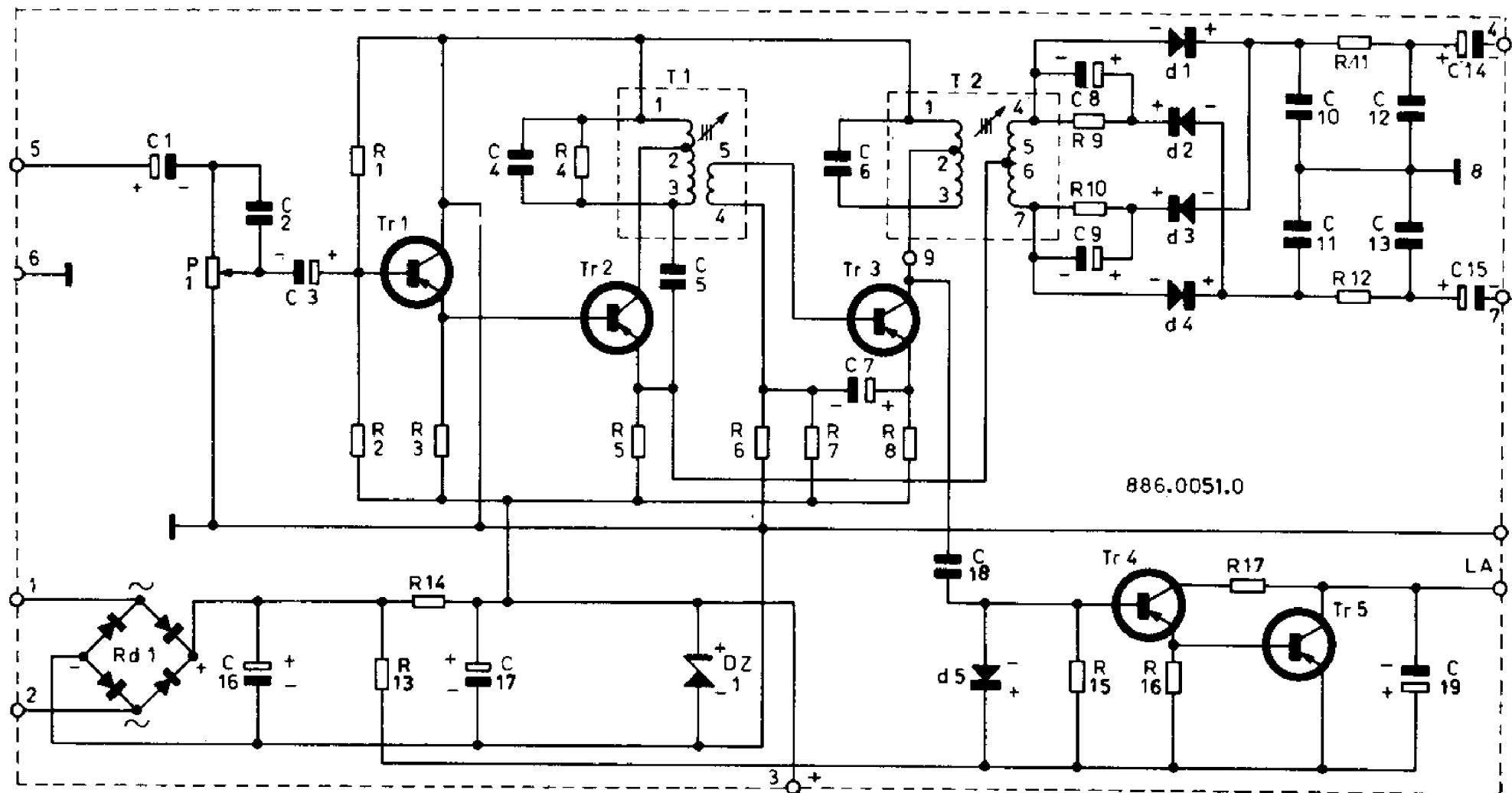


Fig. 11 — Schema elettrico Decoder D C D 3

DECODER DCD3 for LF760/R Only

Resistors

R 2	=	100	K Ω	\pm 5%	0,125 W	269.1019.4
R 1	=	220	K Ω	\pm 5%	0,125 W	269.1018.2
R 3	=	10	K Ω	\pm 5%	0,125 W	269.1011.8
R 4	=	150	K Ω	\pm 5%	0,125 W	269.1019.0
R 5	=	1	K Ω	\pm 5%	0,125 W	269.1007.0
R 6	=	220	K Ω	\pm 5%	0,125 W	269.1019.4
R 7	=	27	K Ω	\pm 5%	0,125 W	269.1014.6
R 8	=	470	Ω	\pm 5%	0,125 W	269.1005.4
R 9	=	10	K Ω	\pm 5%	0,125 W	269.1011.8
R10	=	10	K Ω	\pm 5%	0,125 W	269.1011.8
R11	=	10	K Ω	\pm 5%	0,125 W	269.1011.8
R12	=	10	K Ω	\pm 5%	0,125 W	269.1011.8
R13	=	100	Ω	\pm 5%	0,5 W	269.1002.3
R14	=	220	Ω	\pm 5%	0,5 W	269.1004.5
R15	=	3,3	K Ω	\pm 5%	0,125 W	269.1009.0
R16	=	330	Ω	\pm 5%	0,125 W	269.1004.6
R17	=	100	Ω	\pm 5%	0,125 W	269.1002.0

Capacitors

C 1	=	5	μ F		50 Vn Electrolytic	267.9001.5
C 2	=	1	nF	\pm 2,5%	33 Vn Synthetic	268.1000.6
C 3	=	5	μ F		50 Vn Electrolytic	267.9001.5
C 4	=	3,3	nF	\pm 2,5%	25 Vn Synthetic	268.1002.5
C 5	=	1	nF	\pm 2,5%	33 Vn Synthetic	268.1000.6
C 6	=	4,7	nF	\pm 2,5%	25 Vn Synthetic	268.1002.9
C 7	=	10	μ F		25 Vn Electrolytic	267.9002.6

C 8	=	10	μ F		25 Vn Electrolytic	267.9002.6
C 9	=	10	μ F		25 Vn Electrolytic	267.9002.6
C10	=	500	pF	\pm 2,5%	33 Vn Synthetic	268.1000.3
C11	=	500	pF	\pm 2,5%	33 Vn Synthetic	268.1000.3
C12	=	2	nF	\pm 2,5%	33 Vn Synthetic	268.1001.8
C13	=	2	nF	\pm 2,5%	33 Vn Synthetic	268.1001.8
C14	=	10	μ F		25 Vn Electrolytic	267.9002.6
C15	=	10	μ F		25 Vn Electrolytic	267.9002.7
C16	=	2000	μ F		25 Vn Electrolytic	267.9011.4
C17	=	2000	μ F		25 Vn Electrolytic	267.9011.4
C18	=	900	pF	\pm 2,5%	33 Vn Synthetic	268.1000.5
C19	=	50	μ F		25 Vn Electrolytic	267.9013.0

Miscellaneous

DZ1	=	Silicon Zener 129,1 T5 IRC1	260.1507.0
Rd1	=	Selenium rectifier B 30 C 300/150	260.1022.0
D1-D3	=	Germanium diode matched 2 x OA 79 PHILIPS	260.1304.0
D2-D4	=	Germanium diode matched 2 x OA 79 PHILIPS	260.1304.0
D5	=	Diode OA 81 PHILIPS	260.1306.0
Tr1	=	Transistor AT 209/6 A.T.E.S.	260.2001.0
Tr2	=	Transistor AT 209/6 A.T.E.S.	260.2001.0
Tr3	=	Transistor AT 209/6 A.T.E.S.	260.2001.0
Tr4	=	Transistor AC 139/6 A.T.E.S.	260.2018.0
Tr5	=	Transistor AC 139/6 A.T.E.S.	260.2018.0
P1	=	Control SV 19/A 100 K Ω	730.9900.7
T1	=	Tuned filter 19 kHz	263.9001.0
T2	=	Tuned filter 38 kHz	263.9002.0
La	=	Stereo Lamp.	308.0124.0

LESAPHON mod. 758/R

In mobile di legno pregiato, con piano di appoggio televisore. Presa per registratore, altoparlanti esterni ed antenne AM e FM esterne.

Sintonizzatore a transistori AM 520 \div 1640 KHz, FM 86,75 \div 108 MHz. Commutazione di gamma a tastiera. Controllo automatico di frequenza inseribile a tasto. Indicatore di sintonia ad indice. Antenna interna AM in ferrite e dipolo interno FM.

Giradischi automatico a 4 velocità CNT/SW-Dia.

Cartuccia W/Dia con puntina diamante W-Dia 33-78 peso 7 g.

Motore a 2 poli con flutter \leq 0,1%.

Potenza di uscita in watt: continua 2 x 3; musicale 2 x 3,5; picco 2 x 7.

Distorsione alla potenza di uscita continua: da 100 a 10.000 Hz \leq 2%.

Responso livello frequenza: a \pm 2 dB; 50 \div 15.000 Hz.

Comandi: toni bassi, toni alti, volume fisiologico, bilanciamento, interruttore, pulsantiera di commutazione funzioni.

Altoparlanti: 2 woofer \varnothing 160 mm e 2 tweeter \varnothing 130 mm; impedenza 16 Ω .

Alimentazione: universale in c.a. 50 Hz.

Dimensioni: mm 910 x 400 x 410. Lunghezza gambe mm 305.

Peso: Kg. 30.

L. 179.000 + tassa radio

LESAPHON mod. 760/R

Caratteristiche corrispondenti a quelle del mod. 758/R sopra descritto, ma con decodificatore incorporato per la ricezione in FM stereo senza necessità di commutazione. Indicatore luminoso di presenza stereo.

L. 195.000 + tassa radio

