

LEGENDA LF 417 R-A (Electrical components part list LF 417 R-A)

RESISTORI (Resistors)

R 1 =	820	$\Omega \pm 5\%$	0,125 W	Dm 18261/0,125/5
R 2 =	10 K	$\Omega \pm 5\%$	0,125 W	Dm 18274/0,125/5
R 3 =	3,9 K	$\Omega \pm 5\%$	0,125 W	Dm 18269/0,125/5
R 4 =	120	$\Omega \pm 5\%$	0,125 W	Dm 18251/0,125/5
R 5 =	820	$\Omega \pm 5\%$	0,125 W	Dm 18261/0,125/5
R 6 =	2,2 K	$\Omega \pm 5\%$	0,125 W	Dm 18266/0,125/5
R 7 =	10 K	$\Omega \pm 5\%$	0,125 W	Dm 18274/0,125/5
R 8 =	180	$\Omega \pm 5\%$	0,125 W	Dm 18253/0,125/5
R 9 =	68	$\Omega \pm 5\%$	0,125 W	Dm 18248/0,125/5
R 10 =	8,2 K	$\Omega \pm 5\%$	0,125 W	Dm 18273/0,125/5
R 11 =	18 K	$\Omega \pm 5\%$	0,125 W	Dm 18277/0,125/5
R 12 =	5,6 K	$\Omega \pm 5\%$	0,125 W	Dm 18271/0,125/5
R 13 =	1,8 K	$\Omega \pm 5\%$	0,125 W	Dm 18265/0,125/5
R 14 =	100 K	$\Omega \pm 5\%$	0,125 W	Dm 18286/0,125/5
R 15 =	680	$\Omega \pm 5\%$	0,125 W	Dm 18260/0,125/5
R 16 =	100 K	$\Omega \pm 5\%$	0,125 W	Dm 18286/0,125/5
R 17 =	100 K	$\Omega \pm 5\%$	0,125 W	Dm 18286/0,125/5
R 18 =	18 K	$\Omega \pm 5\%$	0,125 W	Dm 18277/0,125/5
R 19 =	5,6 K	$\Omega \pm 5\%$	0,125 W	Dm 18271/0,125/5
R 20 =	820	$\Omega \pm 5\%$	0,125 W	Dm 18261/0,125/5
R 21 =	470	$\Omega \pm 5\%$	0,125 W	Dm 18258/0,125/5
R 22 =	220	$\Omega \pm 5\%$	0,125 W	Dm 18254/0,125/5
R 23 =	100	$\Omega \pm 5\%$	0,125 W	Dm 18250/0,125/5
R 24 =	15 K	$\Omega \pm 5\%$	0,125 W	Dm 18276/0,125/5
R 25 =	18 K	$\Omega \pm 5\%$	0,125 W	Dm 18277/0,125/5
R 26 =	10 K	$\Omega \pm 5\%$	0,125 W	Dm 18274/0,125/5
R 27 =	220 K	$\Omega \pm 5\%$	0,125 W	Dm 18290/0,125/5
R 28 =	SV 16/A 5 K	Ω	TRIMMER	Dm 22671
R 29 =	1 K	$\Omega \pm 5\%$	0,125 W	Dm 18262/0,125/5
R 30 =	470	$\Omega \pm 5\%$	0,125 W	Dm 18258/0,125/5
R 31 =	18 K	$\Omega \pm 5\%$	0,125 W	Dm 18277/0,125/5
R 32 =	18 K	$\Omega \pm 5\%$	0,125 W	Dm 18277/0,125/5
R 33 =	4,7 K	$\Omega \pm 5\%$	0,125 W	Dm 18270/0,125/5
R 34 =	100	$\Omega \pm 5\%$	0,125 W	Dm 18250/0,125/5
R 35 =	10 K	$\Omega \pm 5\%$	0,125 W	Dm 18274/0,125/5
R 36 =	100	$\Omega \pm 5\%$	0,125 W	Dm 18250/0,125/5
R 37 =	4,7 K	$\Omega \pm 5\%$	0,125 W	Dm 18270/0,125/5
R 38 =	47 K	$\Omega \pm 5\%$	0,125 W	Dm 18282/0,125/5
R 39 =	100	$\Omega \pm 5\%$	0,125 W	Dm 18250/0,125/5
R 40 =	1,8 K	$\Omega \pm 5\%$	0,125 W	Dm 18265/0,125/5
R 41 =	47 K	$\Omega \pm 5\%$	0,125 W	Dm 18282/0,125/5
R 42 =	2,2 K	$\Omega \pm 5\%$	0,125 W	Dm 18266/0,125/5
R 43 =	27 K	$\Omega \pm 5\%$	0,125 W	Dm 18279/0,125/5
R 44 =	33	$\Omega \pm 5\%$	0,125 W	Dm 18244/0,125/5
R 45 =	150	$\Omega \pm 5\%$	0,125 W	Dm 18252/0,125/5
R 46 =	470	$\Omega \pm 5\%$	0,125 W	Dm 18258/0,125/5
R 47 =	18 K	$\Omega \pm 5\%$	0,125 W	Dm 18277/0,125/5

CONDENSATORI (Capacitors)

C 1 =	33 pF	—	500 VDC WKg Ceramic	Dm 13156/36 or Dm 14419/42
C 2 =	1 nF	—	500 VDC WKg Ceramic	Dm 14419/37
C 3 =	1 nF	—	500 VDC WKg Ceramic	Dm 14419/37
C 4 =	1 nF	—	500 VDC WKg Ceramic	Dm 14419/37
C 5 =	FM aerial trimmer capacitor			Dm 22893
C 6 =	5,6 pF	—	500 VDC WKg Ceramic	Dm 14419/45
C 7 =	FM aerial tuning capacitor			Dm 22892
C 8 =	4 pF	—	800 VDC WKg Ceramic	Dm 14419/43
C 9 =	500 pF	—	33 VDC WKg Synthetic	Dm 22573/14
C 10 =	10 nF	—	30 VDC WKg Synthetic	Dm 22895
C 11 =	5,6 pF	—	500 VDC WKg Ceramic	Dm 14419/45
C 12 =	1 nF	—	500 VDC WKg Ceramic	Dm 14419/37
C 13 =	120 pF	—	500 VDC WKg Mica	Dm 14407/51
C 14 =	FM oscillator tuning capacitor			Dm 22892
C 15 =	FM oscillator trimmer capacitor			Dm 22893
C 16 =	8,2 pF	—	500 VDC WKg Ceramic	Dm 14419/44
C 17 =	MW aerial trimmer capacitor			Dm 22892
C 18 =	MW aerial tuning capacitor			Dm 22892
C 19 =	47 nF	—	30 VDC WKg Synthetic	Dm 22895/6
C 20 =	250 pF	—	30 VDC WKg Synthetic	Dm 22573/18
C 21 =	1800 pF	—	30 VDC WKg Synthetic	Dm 22573/21
C 22 =	47 nF	—	30 VDC WKg Synthetic	Dm 22895/6
C 23 =	47 nF	—	30 VDC WKg Synthetic	Dm 22895/6
C 24 =	27 nF	—	30 VDC WKg Synthetic	Dm 22895/5
C 25 =	270 pF	—	30 VDC WKg Synthetic	Dm 22573/19
C 26 =	1000 pF	—	30 VDC WKg Synthetic	Dm 22573/2
C 27 =	220 pF padding		33 VDC WKg Synthetic	Dm 22573/22
C 28 =	MW oscillator tuning capacitor			Dm 22892
C 29 =	MW oscillator trimmer capacitor			Dm 22892
C 30 =	300 pF	—	30 VDC WKg Synthetic	Dm 22573/20
C 31 =	1800 pF	—	30 VDC WKg Synthetic	Dm 22573/21
C 32 =	1500 pF	—	30 VDC WKg Synthetic	Dm 22573
C 33 =	27 nF	—	30 VDC WKg Synthetic	Dm 22895/5
C 34 =	270 pF	—	30 VDC WKg Synthetic	Dm 22573/19
C 35 =	1800 pF	—	30 VDC WKg Synthetic	Dm 22573/21
C 36 =	900 pF	—	30 VDC WKg Synthetic	Dm 22573/5
C 37 =	300 pF	—	30 VDC WKg Synthetic	Dm 22573/20
C 38 =	1800 pF	—	30 VDC WKg Synthetic	Dm 22573/21
C 39 =	1500 pF	—	30 VDC WKg Synthetic	Dm 22573

C 40 =	10 nF	—	30 VDC WKg Synthetic	Dm 22895
C 41 =	27 nF	—	30 VDC WKg Synthetic	Dm 22895/5
C 42 =	70 pF	—	30 VDC WKg Synthetic	Dm 22573/16
C 43 =	2000 pF	—	33 VDC WKg Synthetic	Dm 22573/6
C 44 =	10 nF	—	30 VDC WKg Synthetic	Dm 22895
C 45 =	100 μ F	—	6 VDC WKg Electrolytic	Dm 22894/5
C 46 =	60 pF	—	30 VDC WKg Synthetic	Dm 22573/15
C 47 =	10 nF	—	30 VDC WKg Synthetic	Dm 22895
C 48 =	47 nF	—	30 VDC WKg Synthetic	Dm 22895/6
C 49 =	300 pF	—	33 VDC WKg Synthetic	Dm 22573/17
C 50 =	300 pF	—	33 VDC WKg Synthetic	Dm 22573/17
C 51 =	10 μ F	—	6 VDC WKg Electrolytic	Dm 22894/1
C 52 =	10 nF	—	30 VDC WKg Synthetic	Dm 22895
C 53 =	5 μ F	—	15 VDC WKg Electrolytic	Dm 22894
C 54 =	1000 μ F	—	12 VDC WKg Electrolytic	Dm 22886
C 55 =	0,8 μ F	—	25 VDC WKg Electrolytic	Dm 22301/48
C 56 =	4,7 nF	—	30 VDC WKg Ceramic	Dm 22572
C 57 =	0,1 μ F	—	30 VDC WKg Synthetic	Dm 22895/9
C 58 =	250 μ F	—	3 VDC WKg Electrolytic	Dm 22894/4
C 59 =	100 μ F	—	6 VDC WKg Electrolytic	Dm 22894/5
C 60 =	470 pF	—	500 VDC WKg Ceramic	Dm 14419/41
C 61 =	100 μ F	—	6 VDC WKg Electrolytic	Dm 22894/5
C 62 =	250 μ F	—	3 VDC WKg Electrolytic	Dm 22894/4
C 63 =	500 μ F	—	6 VDC WKg Electrolytic	Dm 22301/33
C 66 =	47 nF	—	30 VDC WKg Synthetic	Dm 22895/6

POTENZIOMETRI (Control)

P 1 =	Potenz. di vol. (Volume control)	3 Z 13/BR 500 K Ω	Dm 301101/2
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SEMICONDUTTORI (Semiconductors)

Tr 1 =	AF 121 PHILIPS	260.2033.0
Tr 2 =	AF 115 PHILIPS	260.2023.0
Tr 3 =	AF 116 PHILIPS	260.2013.0
Tr 4 =	AF 116 PHILIPS	260.2013.0
Tr 5 =	AF 121 PHILIPS	260.2033.0
Tr 6 =	SFT 353 w.p. MISTRAL	260.2008.0
	or AC 137/6 ATEs	260.2001.0
Tr 7 =	SFT 377/D MISTRAL	260.2024.0
	or AC 141/B ATEs	260.2021.0
Tr 8-Tr 9	Matched = SFT 367 (PNP) + 377 (NPN) MISTRAL	260.2032.0
	or Matched = AC 141 + AC 142 or AC 139 ATEs	260.2028.0
D 1 =	Diode OA 79 PHILIPS	260.1305.0
D 2 =	Diode OA 79 PHILIPS	260.1305.0
D 3 =	Diode BA 102 w.p. PHILIPS (varicap)	260.1310.0
D 4 =	Diode OA 79 PHILIPS	260.1305.0
D 5 =	Diode OA 79 PHILIPS	260.1305.0
D 6-D 7	Matched = Diode 2 x OA 79 PHILIPS	260.1304.0
D 8 =	Diode 10207 ATEs	260.2012.0
	or diode PTO MISTRAL	260.1307.0

TRASFORMATORI (Coils)

T 1 =	FM input transformer	263.9009.0
T 2 =	FM 1 st IF transformer	263.9017.0
T 3 =	FM 2 nd IF transformer	263.9016.0
T 4 =	MW 1 st IF transformer	263.9014.0
T 5 =	MW oscillator coil	263.9012.0
T 6 =	FM 3 rd IF transformer	263.9016.0
T 7 =	MW 2 nd IF transformer	263.9015.0
T 8 =	FM 4 th IF transformer (FM Ratio detector)	263.9018.0
T 9 =	MW 3 rd IF transformer (MW detector)	263.9013.0
L 1 =	FM aerial coil	263.9011.0
L 2 =	RF choke	264.2002.0
L 3 =	FM oscillator coil	263.9010.0
L 4 =	MW aerial coil	263.9008.0

VARI (Miscellaneous)

ALTOPARLANTE SPKR	263.3004.1 or 263.3005.1
GIRADISCHI (turntable) = TN 30/LF 5	914.3001.0

CONDENSATORI (Capacitors)

C 1 =	100 nF —20 +80 %	30 VDC WKg Ceramic	Dm 22572/4
C 2 =	100 nF —20 +80 %	30 VDC WKg Ceramic	Dm 22572/4
C 3 =	2000 μ F	— 12 VDC WKg Electrolytic	Dm 22762/2
C 4 =	100 nF —20 +80 %	30 VDC WKg Ceramic	Dm 22572/4
C 64 =	2,2 nF +50 —20 %	4500 VDC Test Ceramic	Dm 14419/23
C 65 =	2,2 nF +50 —20 %	4500 VDC Test Ceramic	Dm 14419/23

DIODI (Silicondiodes)

Rd 1 =	(ex Dm 22311)	260.1019.0
Rd 2 =	(ex Dm 18850)	or 260.1013.0

ALIMENTATORE (Power supply)

T 10 =	Trasformatore di alimentazione (Main transformer)	263.8001.0
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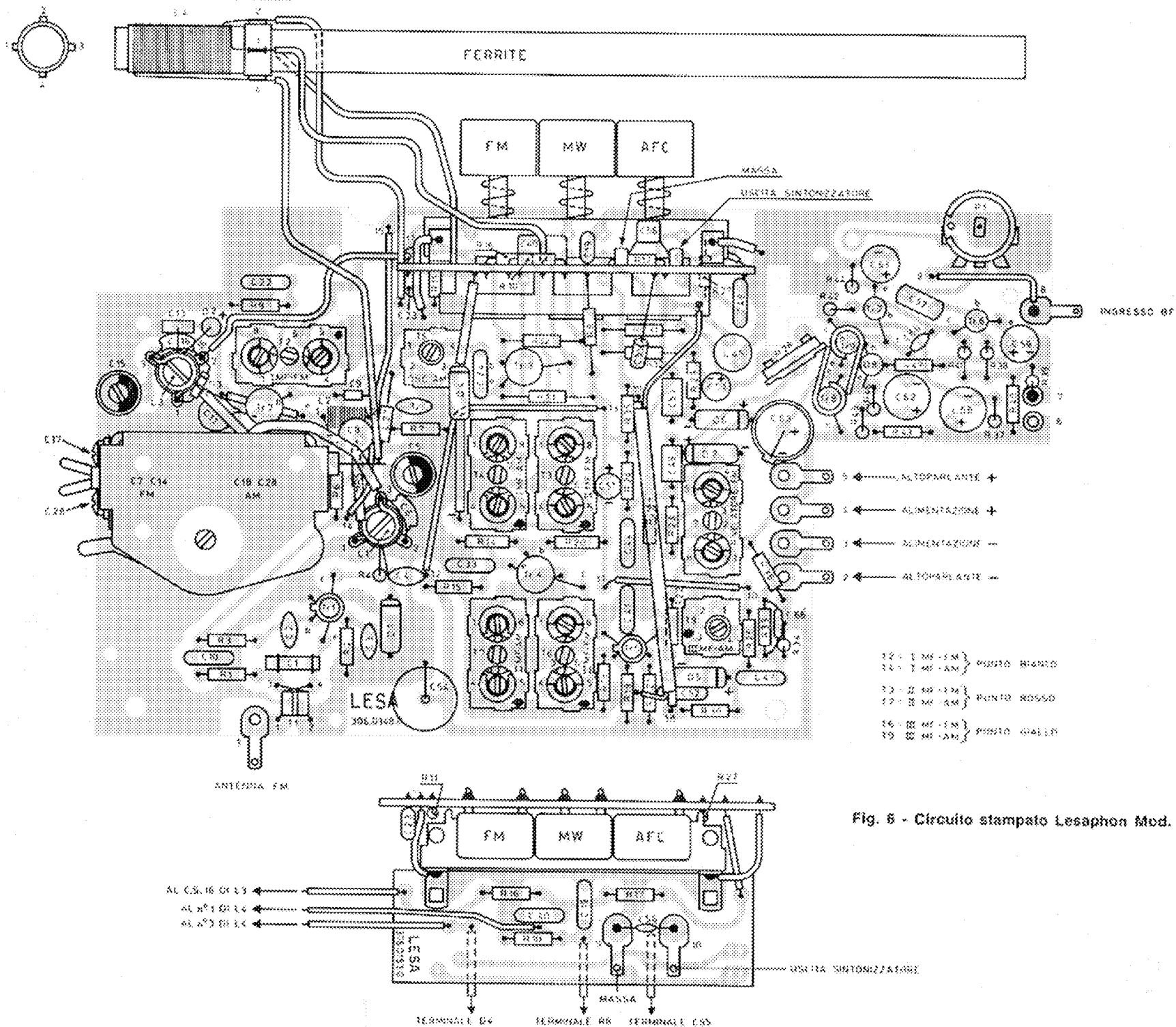


Fig. 6 - Circuito stampato Lesaphon Mod. 417/R-A.

Mod. 407/R-A « BOSTON »

Due gamme d'onda: onde medie 520÷1640 KHz pari a metri 160÷580 circa e gamma a modulazione di frequenza (87÷105 MHz). 10 transistor + 5 diodi. Selettore di gamma AM-FM e dispositivo controllo automatico di frequenza, escludibile. Giradischi a due velocità (33-45 giri). Cartuccia piezoelettrica F5. Puntina di zaffiro. Commutatore a tastiera: acceso/spento; radio/fono. Regolatore di volume. Antenna in ferrite incorporata per AM. Antenna a stilo orientabile di tipo telescopico per FM. Presa per auricolare che esclude l'altoparlante. Potenza di uscita 1 watt indistorto. Alimentazione in c.c. a 9 Volt con 2 pile da 4,5 Volt.

Dimensioni: mm 320 x 250 x 110

Peso: Kg 2,300

L. 39.900 + tassa radio (pile escluse)

Mod. 417/R-A « CHARLESTON »

Caratteristiche analoghe al mod. 407/R-A ma con possibilità di alimentazione anche in c.a. universale - 50÷60 Hz.

Peso: Kg 3

L. 43.900 + tassa radio (pile escluse)

