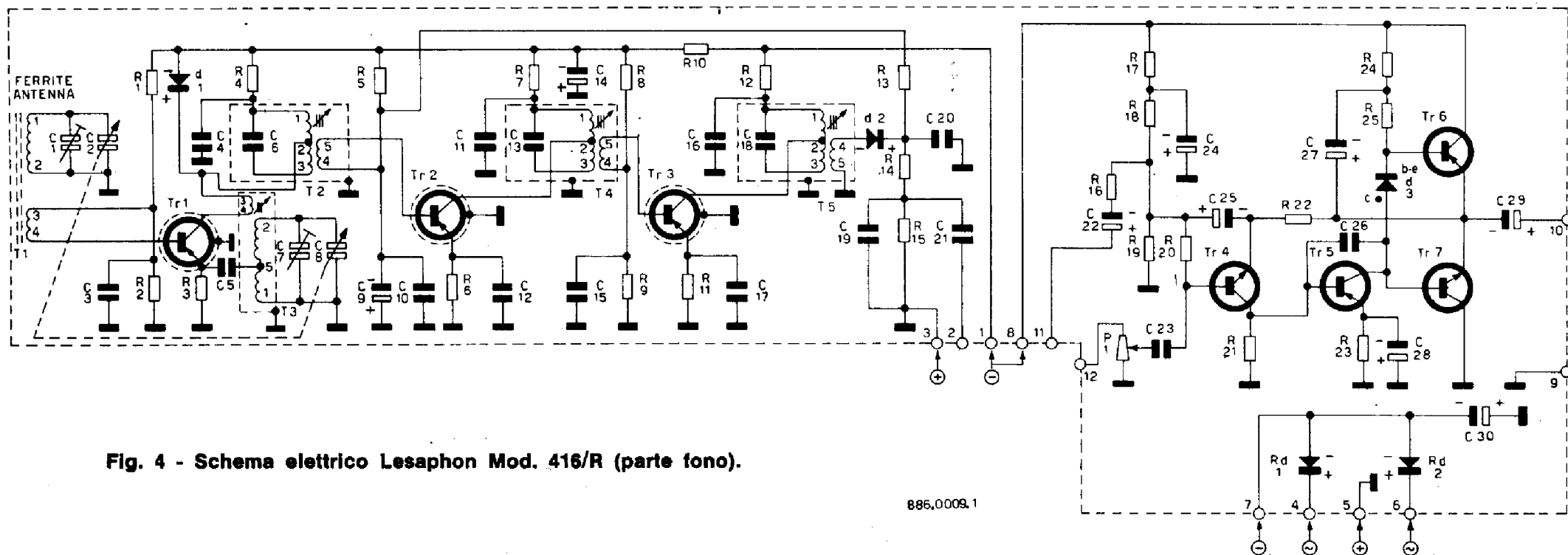


Fig. 3 - Schema elettrico Mod. 416/R (parte radio).



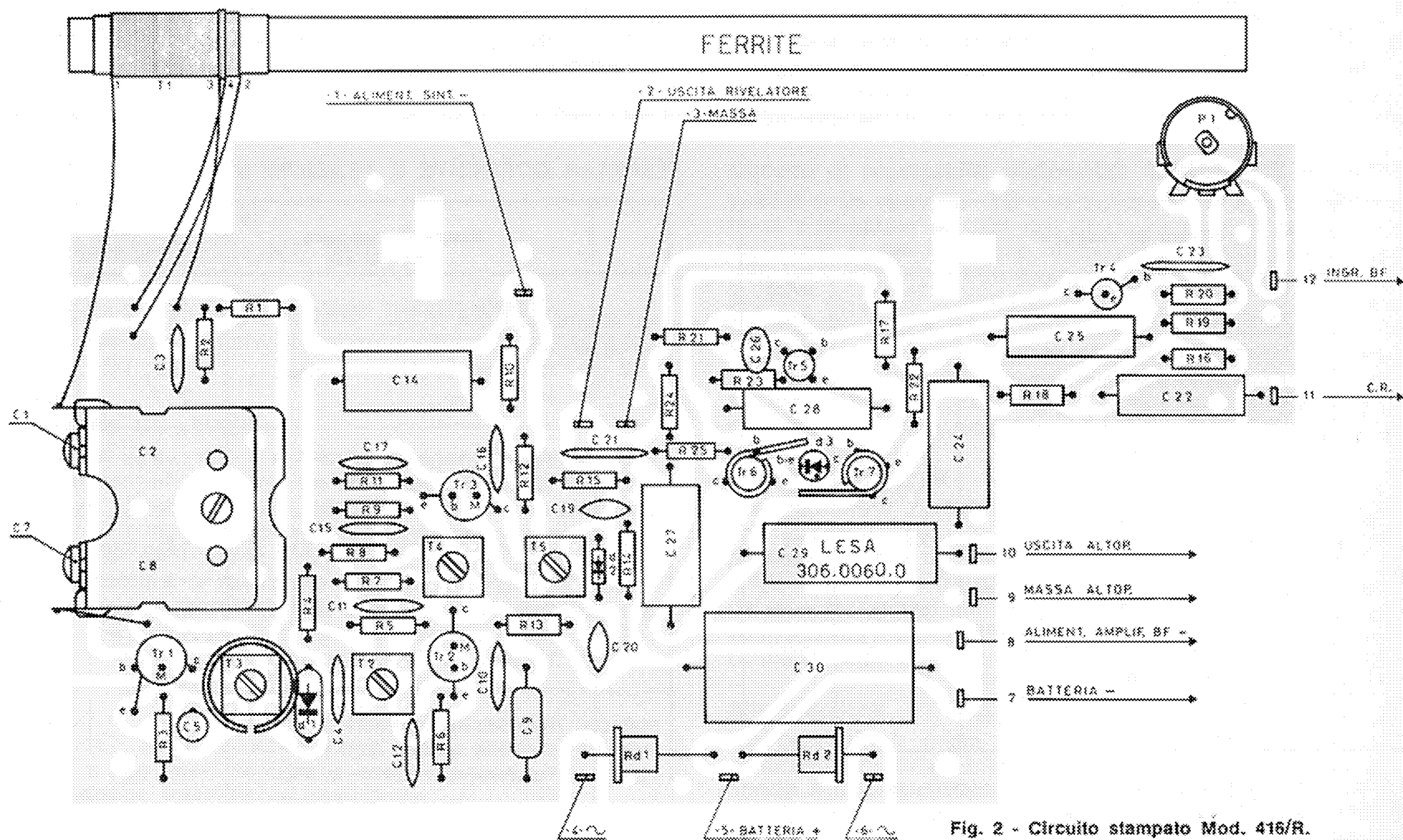


Fig. 2 - Circuito stampato Mod. 416/R.

LEGENDA LF 4116 R (Electrical components parts list LF 416 R)

RESISTORI (Resistors)

R 1 =	33 K Ω \pm 5 %	0,125 W	Dm 18280/0,125/5
R 2 =	8,2 K Ω \pm 5 %	0,125 W	Dm 18273/0,125/5
R 3 =	1 K Ω \pm 5 %	0,125 W	Dm 18262/0,125/5
R 4 =	560 Ω \pm 5 %	0,125 W	Dm 18259/0,125/5
R 5 =	82 K Ω \pm 5 %	0,125 W	Dm 18285/0,125/5
R 6 =	1 K Ω \pm 5 %	0,125 W	Dm 18262/0,125/5
R 7 =	2,2 K Ω \pm 5 %	0,125 W	Dm 18266/0,125/5
R 8 =	15 K Ω \pm 5 %	0,125 W	Dm 18276/0,125/5
R 9 =	4,7 K Ω \pm 5 %	0,125 W	Dm 18270/0,125/5
R 10 =	1,2 K Ω \pm 5 %	0,125 W	Dm 18263/0,125/5
R 11 =	1 K Ω \pm 5 %	0,125 W	Dm 18262/0,125/5
R 12 =	1,2 K Ω \pm 5 %	0,125 W	Dm 18263/0,125/5
R 13 =	4,7 K Ω \pm 5 %	0,125 W	Dm 18270/0,125/5
R 14 =	470 Ω \pm 5 %	0,125 W	Dm 18258/0,125/5
R 15 =	4,7 K Ω \pm 5 %	0,125 W	Dm 18270/0,125/5
R 16 =	33 Ω \pm 10 %	0,5 W	0,5/33 Ω /10 % UNEL 23614
R 17 =	1 K Ω \pm 10 %	0,5 W	0,5/1 K Ω /10 % UNEL 23614
R 18 =	8,2 K Ω \pm 10 %	0,5 W	0,5/8,2 K Ω /10 % UNEL 23614
R 19 =	1,5 K Ω \pm 10 %	0,5 W	0,5/1,5 K Ω /10 % UNEL 23614
R 20 =	47 K Ω \pm 10 %	0,5 W	0,5/47 K Ω /10 % UNEL 23614
R 21 =	1,5 K Ω \pm 5 %	0,5 W	0,5/1,5 K Ω /5 % UNEL 23614
R 22 =	6,8 K Ω \pm 5 %	0,5 W	0,5/6,8 K Ω /5 % UNEL 23614
R 23 =	56 Ω \pm 5 %	0,5 W	0,5/56 Ω /5 % UNEL 23614
R 24 =	100 Ω \pm 5 %	0,5 W	0,5/100 Ω /5 % UNEL 23614
R 25 =	470 Ω \pm 5 %	0,5 W	0,5/470 Ω /5 % UNEL 23614

CONDENSATORI (Capacitors)

C 1 =	14 pF Trimmer	Dm 22588
C 2 =	123 pF Aerial tuning capacitor (Δ C)	Dm 22588
C 3 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 4 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 5 =	22 nF \pm 10 % 400 VDC Wkg Synthetic	Dm 22199/77
	or 125 VDC Wkg Synthetic	Dm 22199/4
C 7 =	14 pF Trimmer	Dm 22588
C 8 =	74 pF Oscillator tuning capac. (Δ C)	Dm 22588
C 9 =	5 μ F — 6,4 VDC Wkg Electr.	Dm 22301/4
C 10 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 11 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 12 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 14 =	100 μ F — 10 VDC Wkg Electr.	Dm 22301/16
C 15 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 16 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 17 =	47 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/3
C 19-20 =	10 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22572/1
C 21 =	10 nF —20 +80 % 30 VDC Wkg Cer.	Dm 22213/9
C 22 =	100 μ F — 3 VDC Wkg Electr.	Dm 18176/2 or 18754/2

C 23 =	100 nF —20 +80 % 12 VDC Wkg Cer.	Dm 22213/6
C 24 =	100 μ F — 10 VDC Wkg Electr.	Dm 22301/16
C 25 =	100 μ F — 3 VDC Wkg Electr.	Dm 18176/2 or 18754/2
C 26 =	470 pF \pm 10 % 500 VDC Wkg Cer.	Dm 13156/10 or 14419
C 27 =	100 μ F — 6 VDC Wkg Electr.	Dm 18176/8 or 18754/9
C 28 =	100 μ F — 3 VDC Wkg Electr.	Dm 18176/2 or Dm 18754/2
C 29 =	500 μ F — 6 VDC Wkg Electr.	Dm 18754/12
C 30 =	1000 μ F — 12 VDC Wkg Electr.	Dm 22886 or Dm 14415/44

TRASFORMATORI (Coils)

T 1 =	Antenna: MW coil	263.9003.0
	ferroxcube core	251.3003.0
T 2-T 4 =	1 st - 2nd if transformer	263.9004.0
T 3 =	Oscillator coil	263.9006.0
T 5 =	3 rd IF transformer	263.9005.0

SEMICONDUTTORI (Semiconductors)

Tr 1 =	AF 116 PHILIPS (ex Dm 22249)	260.2013.0
Tr 2-3 =	AF 117 PHILIPS (ex Dm 22250)	260.2014.0
Tr 3 =	AF 117 PHILIPS (ex Dm 22250)	260.2014.0
Tr 4 =	AC 141/B A.T.E.S. (ex Dm 22744)	260.2021.0
	or SFT 337/D MISTRAL	260.2024.0
Tr 5 =	AC 137/6 A.T.E.S. (ex Dm 18354)	260.2001.0
	or SFT 353 MISTRAL (ex Dm 18993)	260.2008.0
Tr 6 =	AC 142 or AC 139 A.T.E.S. matched or	260.2028.0
Tr 7 =	AC 141 A.T.E.S.	
	SFT 367 MISTRAL (Tr 6)	
	SFT 377 MISTRAL (Tr 7) matched	260.2032.0
D 1 =	Diode OA 81 (ex Dm 14694)	260.1306.0
D 2 =	Diode AA 119 (ex Dm 22590)	260.1303.0
D 3 =	Diode 10918 A.T.E.S.	260.1309.0

DIODI (Silicon rectifier diodes)

Rd 1-Rd 2 =	Tr 05	260.1019.0
	or 2 E	260.1013.0

POTENZIOMETRI (Control)

P 1 =	Potenzimetri volume (Volume control)	
	3 Z 13/BR 500 K Ω	Dm 301.101.2

VARI (Miscellaneous)

ALTOPARLANTE (SPKR) Ω	263.30001.0
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GIRADISCHI (Turntable)

TN 30/LF 5	914.3001.0
T 1 =	Trasf. di alimentazione (Power transf.) 263.8001.6

LESAPHON Mod. 406/R « MINDANAO »

Di linea estremamente compatta e alte qualità acustiche. Altoparlante di grande diametro. Gamma onde medie 520÷1640 KHz pari a metri 160÷580 circa. 7 transistor + 3 diodi. Giradischi a due velocità (33-45 giri). Cartuccia piezoelettrica mod. F5. Puntina di zaffiro. Commutatore a tastiera: Radio/Fono; acceso/spento. Regolatore di volume. Antenna in ferrite incorporata. Presa per auricolare che esclude l'altoparlante. Potenza d'uscita 1 watt indistorto. Alimentazione c.c. a 9 V con 2 pile da 4,5 V.

Dimensioni: mm 320 x 250 x 110

Peso: Kg 2

L. 28.500 + tassa radio (pile escluse)

Mod. 416/R « SUMATRA »

Caratteristiche analoghe al Mod. 406/R, ma con possibilità di alimentazione anche in c.a. universale - 50÷60 Hz.

Peso: Kg 3

L. 32.500 + tassa radio (pile escluse)

