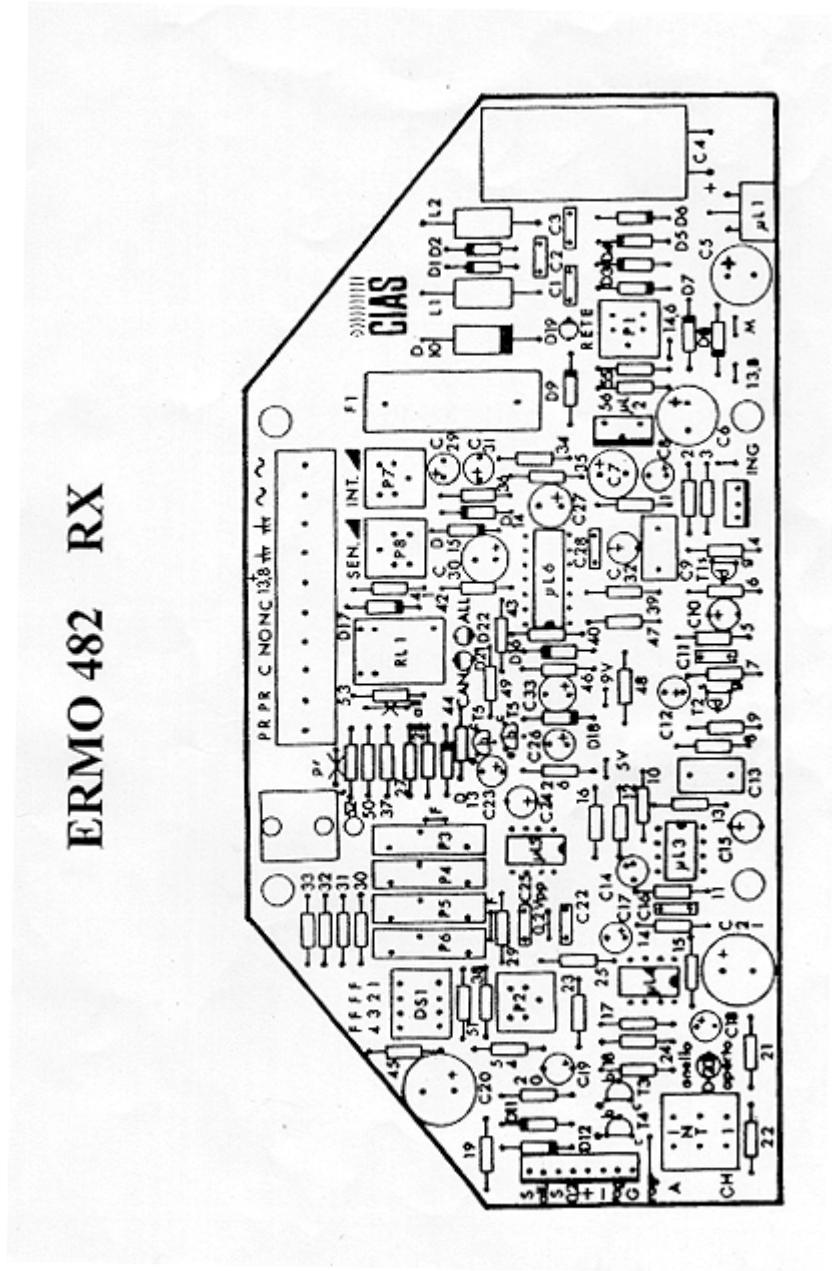
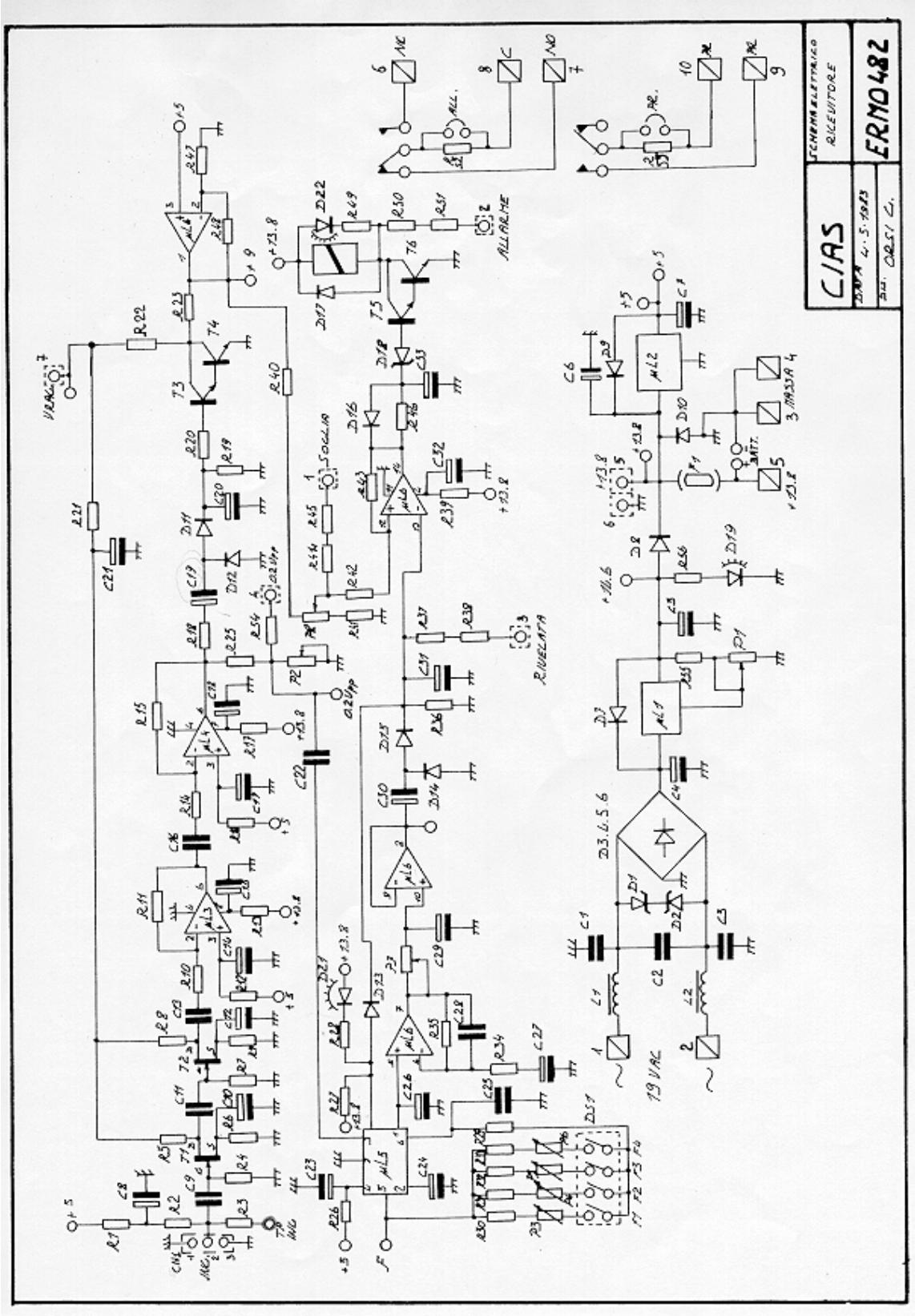


ERMO 482 RX

## ERMO 482 Receiver PCB





## ERMO 482 Receiver Schematic

**PART LIST**  
**PROCESSING CIRCUIT ERMO482 RX**

DATE: 02-09-97

CODE:SL2003

REF.	VALUES	DESCRIPTION
C1	0,1 $\mu$ F 63 V10%	CERAMIC CAPACITOR
C2	0,1 $\mu$ F 63 V10%	CERAMIC CAPACITOR
C3	0,1 $\mu$ F 63 V10%	CERAMIC CAPACITOR
C4	1000 $\mu$ F 35V	ELECTROLYTIC ALUMINIUM CAPACITOR
C5	220 $\mu$ F 16V	ELECTROLYTIC ALUMINIUM CAPACITOR
C6	220 $\mu$ F 16V	ELECTROLYTIC ALUMINIUM CAPACITOR
C7	47 $\mu$ F 25V	ELECTROLYTIC ALUMINIUM CAPACITOR
C8	0,1 $\mu$ F 50 V	ALUMINIUM CAPACITOR
C9	0,1 $\mu$ F 100 V10%	METALLIC POLYESTER CAPACITOR
C10	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C11	22 nF 63 V10%	MINI METALLIC POLYESTER CAPACITOR
C12	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C13	0,1 $\mu$ F 100 V10%	METALLIC POLYESTER CAPACITOR
C14	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C15	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C16	22 nF 63 V10%	MINI METALLIC POLYESTER CAPACITOR
C17	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C18	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C19	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C20	470 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C21	470 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C22	10 nF 63 V10%	MINI METALLIC POLYESTER CAPACITOR
C23	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C24	47 nF 63 V10%	MINI METALLIC POLYESTER CAPACITOR
C25	22 nF 63 V10%	MINI METALLIC POLYESTER CAPACITOR
C26	0,1 $\mu$ F 50 V	ALUMINIUM CAPACITOR
C27	47 $\mu$ F 25V	ELECTROLYTIC ALUMINIUM CAPACITOR
C28	1 nF 63 V10%	MINI METALLIC POLYESTER CAPACITOR
C29	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C30	47 $\mu$ F 25V	ELECTROLYTIC ALUMINIUM CAPACITOR
C31	0,1 $\mu$ F 50 V	ALUMINIUM CAPACITOR
C32	10 $\mu$ F 16 V	ALUMINIUM CAPACITOR
C33	220 $\mu$ F 16V	ELECTROLYTIC ALUMINIUM CAPACITOR
CN1	946040	MALE CONNECTOR 3 TERM
CN2	946044	MALE CONNECTOR 7 TERM
D1	33 V 1,3W	ZENER DIODE
D2	33 V 1,3W	ZENER DIODE
D3	1N4002 - 1A	SILICON DIODE
D4	1N4002 - 1A	SILICON DIODE
D5	1N4002 - 1A	SILICON DIODE
D6	1N4002 - 1A	SILICON DIODE
D7	1N4002 - 1A	SILICON DIODE
D8	1N4002 - 1A	SILICON DIODE
D9	1N4002 - 1A	SILICON DIODE
D10	18 V - 1W	ZENER DIODE
D11	1N4148 0,3 W	SILICON DIODE
D12	1N4148 0,3 W	SILICON DIODE

D13	1N4148 0,3 W	SILICIUM DIODE
D14	1N4148 0,3 W	SILICIUM DIODE
D15	1N4148 0,3 W	SILICIUM DIODE
D16	1N4148 0,3 W	SILICIUM DIODE
D17	1N4002 - 1A	SILICIUM DIODE
D18	1N756A 0,36 W 8,2 V	ZENER DIODE
D19	TIL 209 0 3mm	GREEN LED DIODE
D21	TIL 209 0 3mm	GREEN LED DIODE
D22	TIL 209 0 3mm	GREEN LED DIODE
D23	8,2 V - 1W	ZENER DIODE
DS1	4 BUTTON	DIP SWITCH
F1	2A	FUSE
F1		FUSE POCKET
F1		FUSE POCKET COVER
L1	VK20009	INDUCTOR
L2	VK20009	INDUCTOR
μL1	12 V 1,5 A - LM 7812	INTEGR. REG.
μL2	5 V 1,5 A - LM 7805	INTEGR. REG.
μL3	LM741	OPER. AMPL.
μL4	LM741	OPER. AMPL.
μL5	LM567	PHASE LOCKE
μL6	LM324	OPER. AMPL.
MS1		MALE CONNECTOR
P1	3386 P 500 OHM	MON. CER. TRIMMER
P2	3386 P 1 KOHM	MON. CER. TRIMMER
P3	3006P 2 K	CER. MULTIPLE TR.
P4	3006P 2 K	CER. MULTIPLE TR.
P5	3006P 2 K	CER. MULTIPLE TR.
P6	3006P 2 K	CER. MULTIPLE TR.
P7	3386P 100 K	MON. CER. TRIMMER
P8	3386P 10 KOHM	MON. CER. TRIMMER
pr		Hg MOV. BULB
RL1	12 V 1SC	RELAY HI SEN.
R1	22 KOHM	RESISTANCE 1/4W 5%
R2	82 KOHM	RESISTANCE 1/4W 5%
R3	1 KOHM	RESISTANCE 1/4W 5%
R4	10 KOHM	RESISTANCE 1/4W 5%
R5	10 KOHM	RESISTANCE 1/4W 5%
R6	2,7 KOHM	RESISTANCE 1/4W 5%
R7	100 KOHM	RESISTANCE 1/4W 5%
R8	10 KOHM	RESISTANCE 1/4W 5%
R9	2,7 KOHM	RESISTANCE 1/4W 5%
R10	27 KOHM	RESISTANCE 1/4W 5%
R11	560 KOHM	RESISTANCE 1/4W 5%
R12	10 KOHM	RESISTANCE 1/4W 5%
R13	100 OHM	RESISTANCE 1/4W 5%
R14	8,2 KOHM	RESISTANCE 1/4W 5%
R15	560 KOHM	RESISTANCE 1/4W 5%

R16	10 KOHM	RESISTANCE 1/4W 5%
R17	100 OHM	RESISTANCE 1/4W 5%
R18	1 KOHM	RESISTANCE 1/4W 5%
R19	180 KOHM	RESISTANCE 1/4W 5%
R20	470 KOHM	RESISTANCE 1/4W 5%
R21	56 OHM	RESISTANCE 1/4W 5%
R22	1 KOHM	RESISTANCE 1/4W 5%
R23	1 KOHM	RESISTANCE 1/4W 5%
R24	820 OHM	RESISTANCE 1/4W 5%
R25	3,9 KOHM	RESISTANCE 1/4W 5%
R26	56 OHM	RESISTANCE 1/4W 5%
R27	10 KOHM	RESISTANCE 1/4W 5%
R28	820 OHM	RESISTANCE 1/4W 5%
R29	2,7 KOHM	RESISTANCE 1/4W 5%
R30	12 KOHM	RESISTANCE 1/4W 5%
R31	5,6 KOHM	RESISTANCE 1/4W 5%
R32	2,7 KOHM	RESISTANCE 1/4W 5%
R33	10 OHM	RESISTANCE 1/4W 5%
R34	3,3 KOHM	RESISTANCE 1/4W 5%
R35	470 KOHM	RESISTANCE 1/4W 5%
R36	100 KOHM	RESISTANCE 1/4W 5%
R37	560 OHM	RESISTANCE 1/4W 5%
R38	560 OHM	RESISTANCE 1/4W 5%
R39	56 OHM	RESISTANCE 1/4W 5%
R40	10 OHM	RESISTANCE 1/4W 5%
R41	330 OHM	RESISTANCE 1/4W 5%
R42	47 KOHM	RESISTANCE 1/4W 5%
R43	2,2 MOHM	RESISTANCE 1/4W 5%
R44	560 OHM	RESISTANCE 1/4W 5%
R45	560 OHM	RESISTANCE 1/4W 5%
R46	12 KOHM	RESISTANCE 1/4W 5%
R47	15 KOHM	RESISTANCE 1/4W 5%
R48	12 KOHM	RESISTANCE 1/4W 5%
R49	820 OHM	RESISTANCE 1/4W 5%
R50	560 OHM	RESISTANCE 1/4W 5%
R51	560 OHM	RESISTANCE 1/4W 5%
R52	5,6 KOHM	RESISTANCE 1/4W 5%
R53	5,6 KOHM	RESISTANCE 1/4W 5%
R54	1 KOHM	RESISTANCE 1/4W 5%
R55	470 OHM	RESISTANCE 1/4W 5%
R56	820 OHM	RESISTANCE 1/4W 5%
R57	1 KOHM	RESISTANCE 1/4W 5%
VR1	39 V - 1A	VARISTOR
VR2	39 V - 1A	VARISTOR
T1	2 N 5953	FET CHANNEL N
T2	2 N 5953	FET CHANNEL N
T3	BC 317	TRANSISTOR
T4	BC 317	TRANSISTOR
T5	BC 317	TRANSISTOR
T6	BC 317	TRANSISTOR