

**1900 Hz Signal Generator**1.914.520

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This signal generator produces a stable frequency of 1900 Hz to establish communication on outside broadcast lines, as specified in the EBU/CCIR recommendations.

**Technical Specifications**

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Frequency	<b>1900 Hz</b> (adjustable)
Distortion	<b>&lt; 1%</b>
Output level	<b>-15...+6 dBu</b> (adjustable)
Output	<b>balanced and floating</b>
Output Impedance, out 1	<b>&lt; 15 <math>\Omega</math></b>
out 2	<b>600 <math>\Omega</math></b>
Minimum load	<b>200 <math>\Omega</math></b>

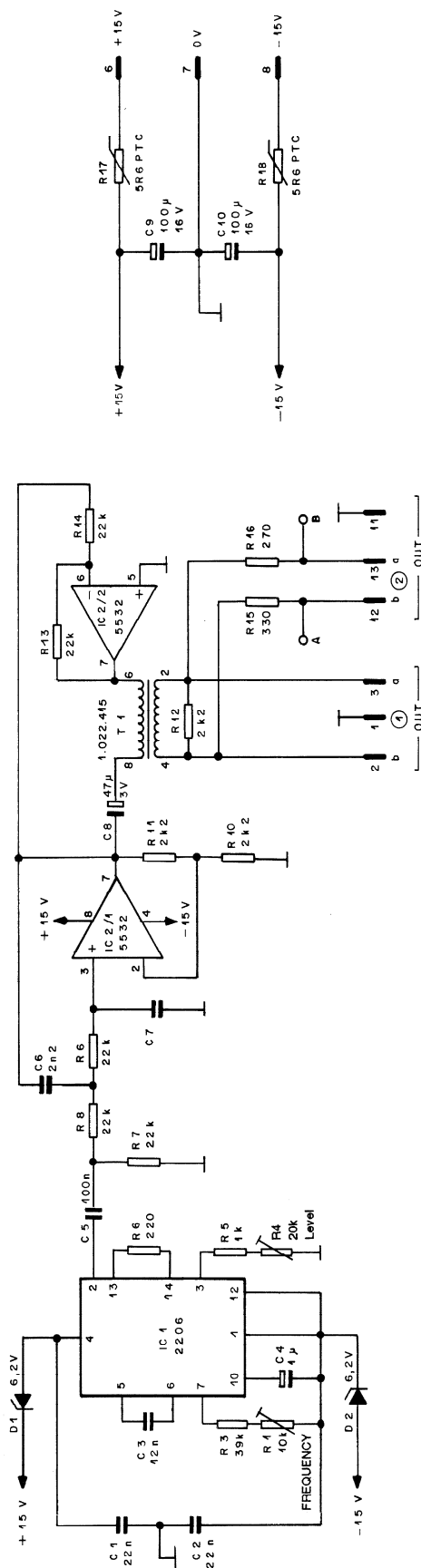
**Supply:**  **$\pm 15$  V** (20 mA)

**Dimensions:** **MS-card**, 34 × 85 mm

**Ordering Information:** 1900 Hz signal generator

1.914.520.xx

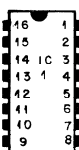
## MSC 1900 HZ GENERATOR



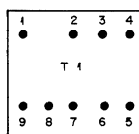
NE 5532



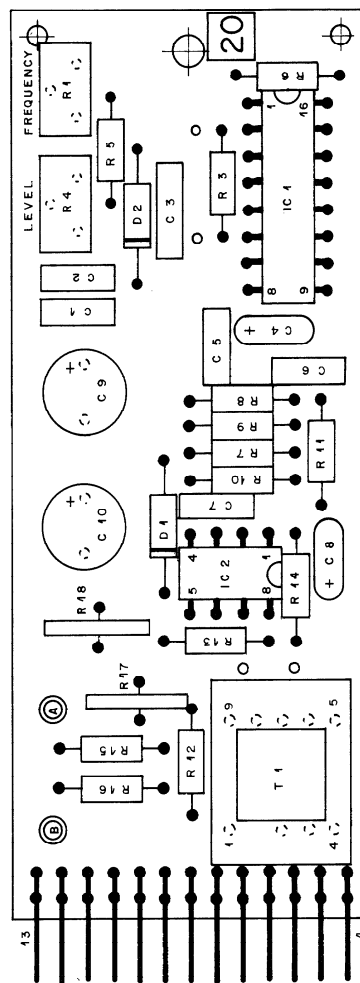
CP 2206



1.022.415



CIS	PIN	EURO 32 PIN			
		(a)	(b)	(c)	(d)
OUT a	13	1	7	24	27
OUT b	12	2	8	22	28
⊥	11	3	9	23	29
	10				
	9				
-15 V	8	14			
0 V	7	15			
+15 V	6	16			
	5				
	4				
OUT a	3	4	10	24	30
OUT b	2	5	11	25	31
⊥	1	6	13	26	32



① 18.9.91			
STUDER REGENSDORF ZÜRICH	SIGNAL GENERATOR (NR.20)	1.914.520.00	

## MSC 1900 HZ GENERATOR

Ad	POS.	REF.No.	DESCRIPTION	MANUFACTURER
C....1	59.06.0223	0,022µF	PE	
C....2	59.06.0223	0,022µF	PE	
C....3	59.99.0220	0,012µF		
C....4	59.26.9109	1µF	40V	CN 40C 123J Centralab
C....5	59.06.0104	0,1µF		B37 983-J-5123-J Siemens SAL
C....6	59.06.5222	2200pF		C062 5123 J5 6S CA Kemet PE
C....7	59.06.5222	2200pF		PE
C....8	59.26.0470	47µF	6,3V	SAL
C....9	59.22.4101	100µF	16V	EL
C....10	59.22.4101	100µF	16V	EL
D....1	50.04.1511	6,2V	1,3W Zener	
D....2	50.04.1511	6,2V	1,3W Zener	
IC....1	50.11.0108	2206CP	DIL 16	EX
IC....2	50.09.0105	NE5532	DIP 8	SIG/EX
P	54.01.0273	13P	CIS	AMP
R....1	58.01.9103	10kΩ	TRIM	
R....3	57.11.4393	39kΩ		
R....4	58.01.9203	20kΩ	TRIM	
R....5	57.11.4102	1kΩ		
① R....6	57.11.4221	220kΩ		
R....7	57.11.4223	22kΩ		
R....8	57.11.4223	22kΩ		
R....9	57.11.4223	22kΩ		
R....10	57.11.4222	2,2kΩ		
R....11	57.11.4222	2,2kΩ		
R....12	57.11.4222	2,2kΩ		
R....13	57.11.4223	22kΩ		
R....14	57.11.4223	22kΩ		
① R....15	57.11.4331	330kΩ		
① R....16	57.11.4271	270kΩ		
R....17	57.99.0209	5,6kΩ	2322 662 91005	PH
R....18	57.99.0209	5,6kΩ	2322 662 91005	PH
T....1	1.022.415.00	1:2		ST

PE=Polyester, SAL=Solid Aluminium, EL=Electrolytic

MANUFACTURER: EX=Exar, SIG=Signetics, ST=Studer, PH=Philips

1.914.520.00 SIGNAL GENERATOR (Nr. 20)

P. Casutt 14/07/83

1.914.520.00 SIGNAL GENERATOR (Nr. 20)

① FRI 01/09/83

END

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