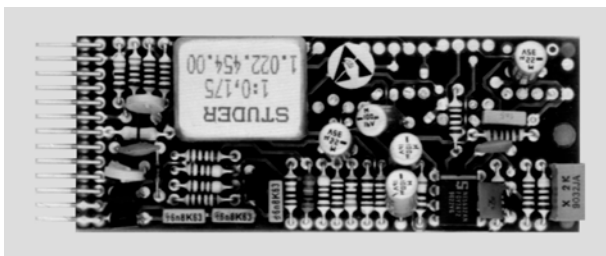


High-Level Input with PFL Facility

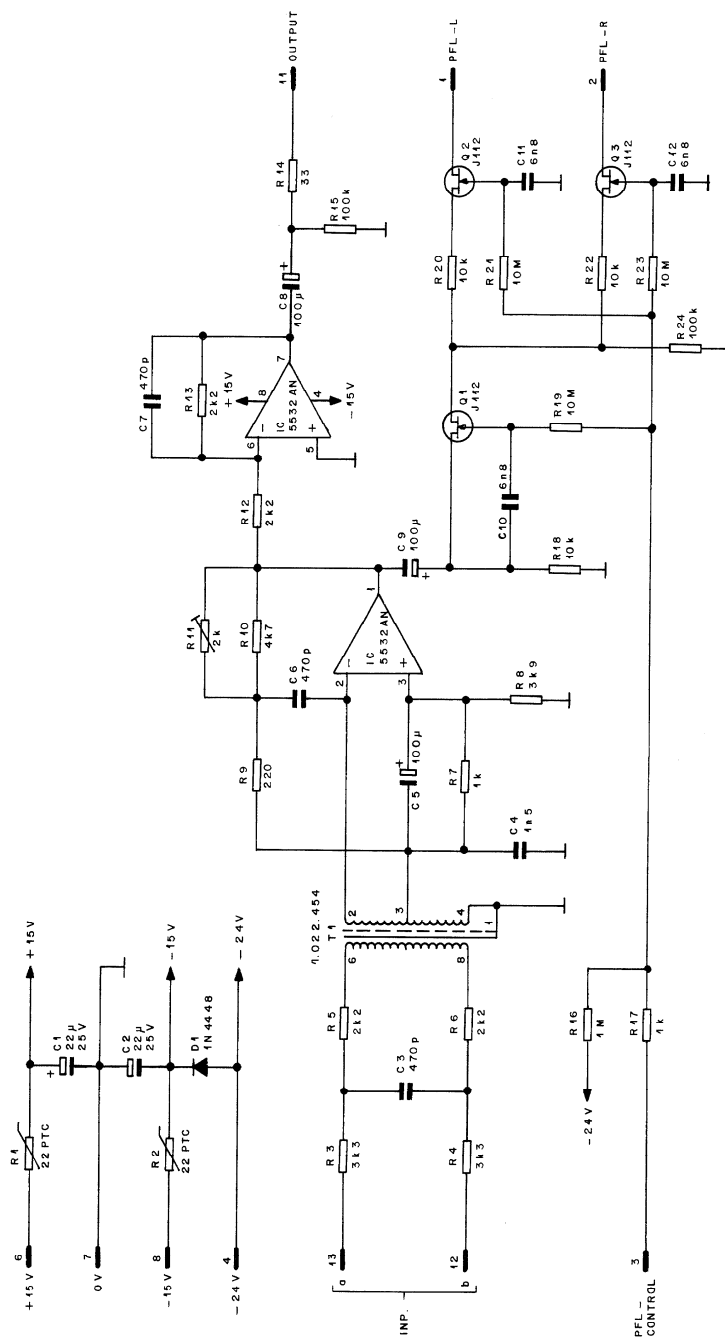
1.914.531

This compact high-level input amplifier features a balanced and floating input stage. The output is unbalanced, with low impedance and low distortion up to +24 dBu. An additional PFL monitoring facility is electronically switchable (FET).

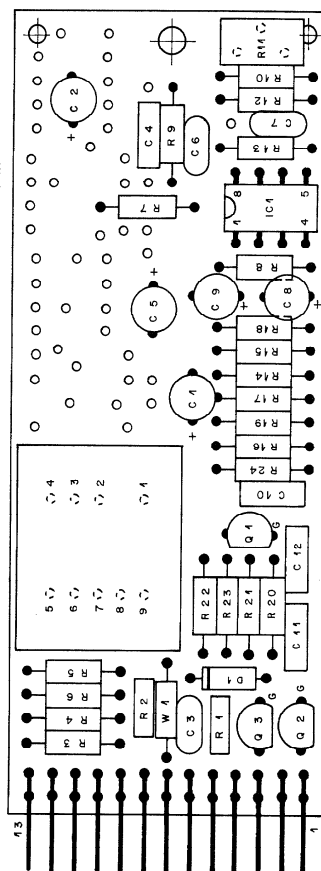


Technical Specifications

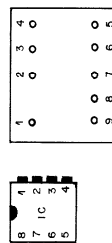
Input:		Balanced and floating
	Impedance	> 10 kΩ
	Max. level	+26 dBu
	CMRR	> 110 dB @ 50 Hz > 110 dB @ 16 kHz
Output:		Unbalanced
	Impedance	33 Ω
	Load	$\geq 600 \Omega$ @ max. output swing
	Max. output swing	+20 dBu
	Gain	-1.4...-17.8 dB
	Frequency response	± 0.3 dB, 30 Hz...16 kHz
	THD	< -85 dB, 30 Hz...16 kHz
	Noise voltage	< -107 dBu, gain -6 dB, bandwidth 23 kHz
Supply:		± 15 V (10 mA idling)
Dimensions:		MS-card, 34 \times 85 mm
Ordering Information:		HL input with PFL
		1.914.531.xx



SCHILDER 43.01.0108 / 1.914.531.04 AUFGEKLEBT NACH FABRIKATIONSMUSTER.



CIS	PIN	EURO	32 PIN
INPUT a	13	1	7
INPUT b	42	2	8
OUTPUT	41	3	9
-45V	10	4	10
0V	9	5	11
+15V	8	6	12
-24V	7	7	13
PFL SIGN. BUS	6	8	14
PFL RIGHT BUS	5	9	15
PFL LEFT BUS	4	10	16
	3	11	17
	2	12	18
	1	13	19
		14	20
		15	21
		16	22
		17	23
		18	24
		19	25
		20	26
		21	27
		22	28
		23	29
		24	30
		25	31
		26	32

MPF 4.392
0.80
0.80

BOTTOM VIEW

① 25.9.91			
STUDER REGENSDORF ZURICH	HL INPUT WITH PFL	ESE	1.914.531.00

MSC HL INPUT WITH PFL

Ad	..POS..	...REF.No...	DESCRIPTION.....	MANUFACTURER
C....1	59.22.5220	22 uF	25V EL	
C....2	59.22.5220	22 uF	25V EL	
C....3	59.34.5471	470 pF	CER	
C....4	59.06.5152	1.5 nF	PE	
C....5	59.22.3101	100 uF	10V EL	
C....6	59.34.5471	470 pF	CER	
C....7	59.34.5471	470 pF	CER	
C....8	59.22.3101	100 uF	10V EL	
C....9	59.22.3101	100 uF	10V EL	
C....10	59.06.0682	6.8 nF	PE	
C....11	59.06.0682	6.8 nF	PE	
C....12	59.06.0682	6.8 nF	PE	
D....1	50.04.0125	1N4448		any
IC....1	50.09.0106	NE5532AN	dual op.amp. low noise	Sig
P....1	54.01.0273		CIS, 13 pin	
Q....1	50.03.0350	J112	N-J-FET	NS, Mot, Six
Q....2	50.03.0350	J112	N-J-FET	NS, Mot, Six
Q....3	50.03.0350	J112	N-J-FET	NS, Mot, Six
R....1	57.92.1121	22 Ohm	PTC	
R....2	57.92.1121	22 Ohm	PTC	
R....3	57.11.3332	3.3 kOhm	1%	
R....4	57.11.3332	3.3 kOhm	1%	
R....5	57.11.3222	2.2 kOhm	1%	
R....6	57.11.3222	2.2 kOhm	1%	
R....7	57.11.4102	1 kOhm		
R....8	57.11.4392	3.9 kOhm		
R....9	57.11.4221	220 Ohm		
R....10	57.11.4472	4.7 kOhm		
R....11	58.01.9202	2 kOhm	trim potm.	
R....12	57.11.3222	2.2 kOhm		
R....13	57.11.3222	2.2 kOhm		
R....14	57.11.4330	33 Ohm		
R....15	57.11.4104	100 kOhm		
R....16	57.11.4105	1 MOhm		
R....17	57.11.4102	1 kOhm		
R....18	57.11.4103	10 kOhm		
R....19	57.11.5106	10 MOhm		
R....20	57.11.4103	10 kOhm		
R....21	57.11.5106	10 MOhm		
R....22	57.11.4103	10 kOhm		
R....23	57.11.5106	10 MOhm		
R....24	57.11.4104	10 kOhm		
T....1	1.022.454.00		input trafo	
W....1	57.11.4000	0 Ohm		
CER = ceramic, EL = electrolytic, PE = polyester				
MANUFACTURER Mot=Motorola, NS=National Semiconductor, Six=Siliconics,				
TI=Texas Instruments, Sig=Signetics				
1.914.531.00 HL-INPUT WITH PFL WY 87/06/1800				