

ISDN PCMCIA Card with HFC - SP

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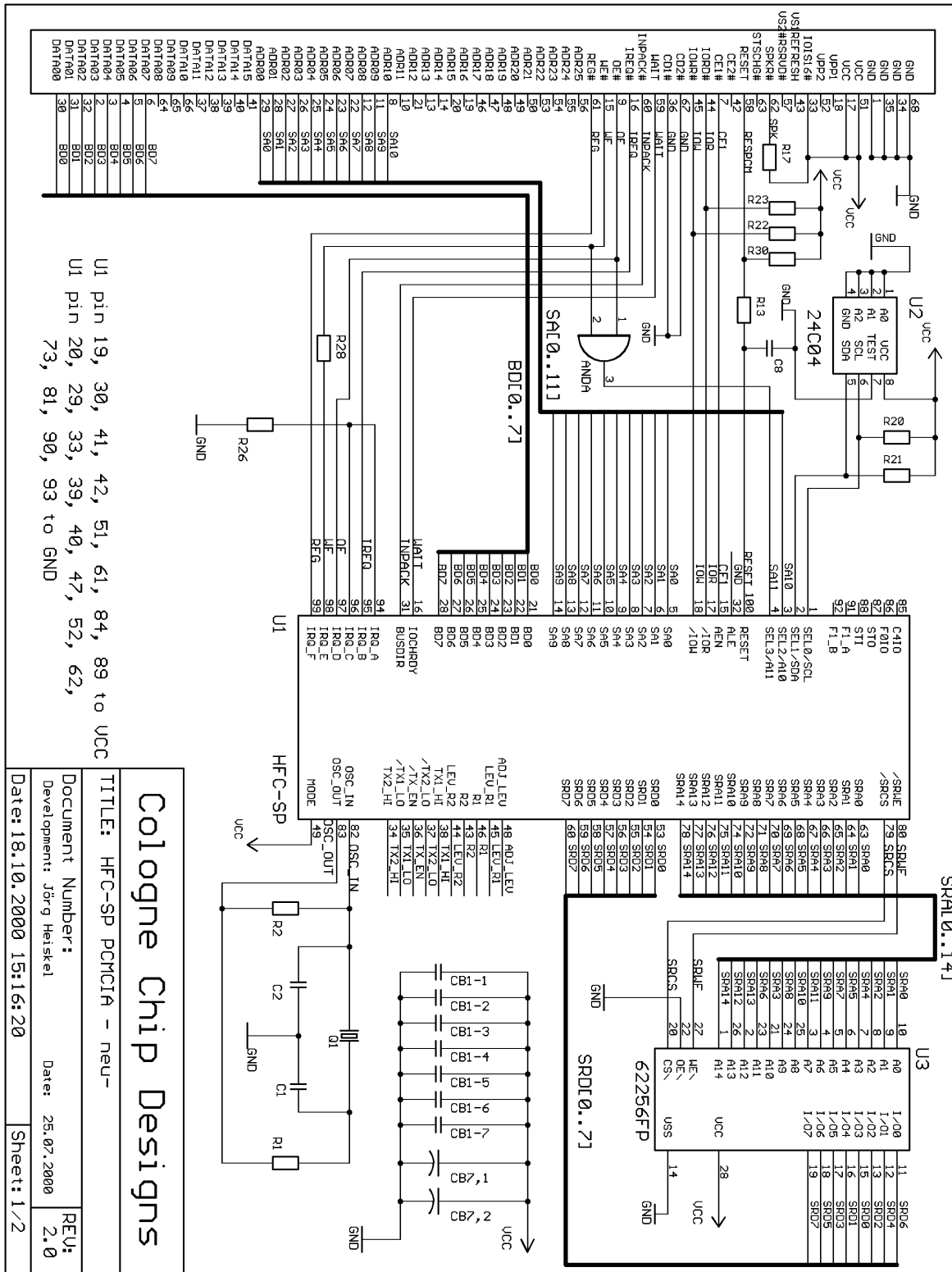
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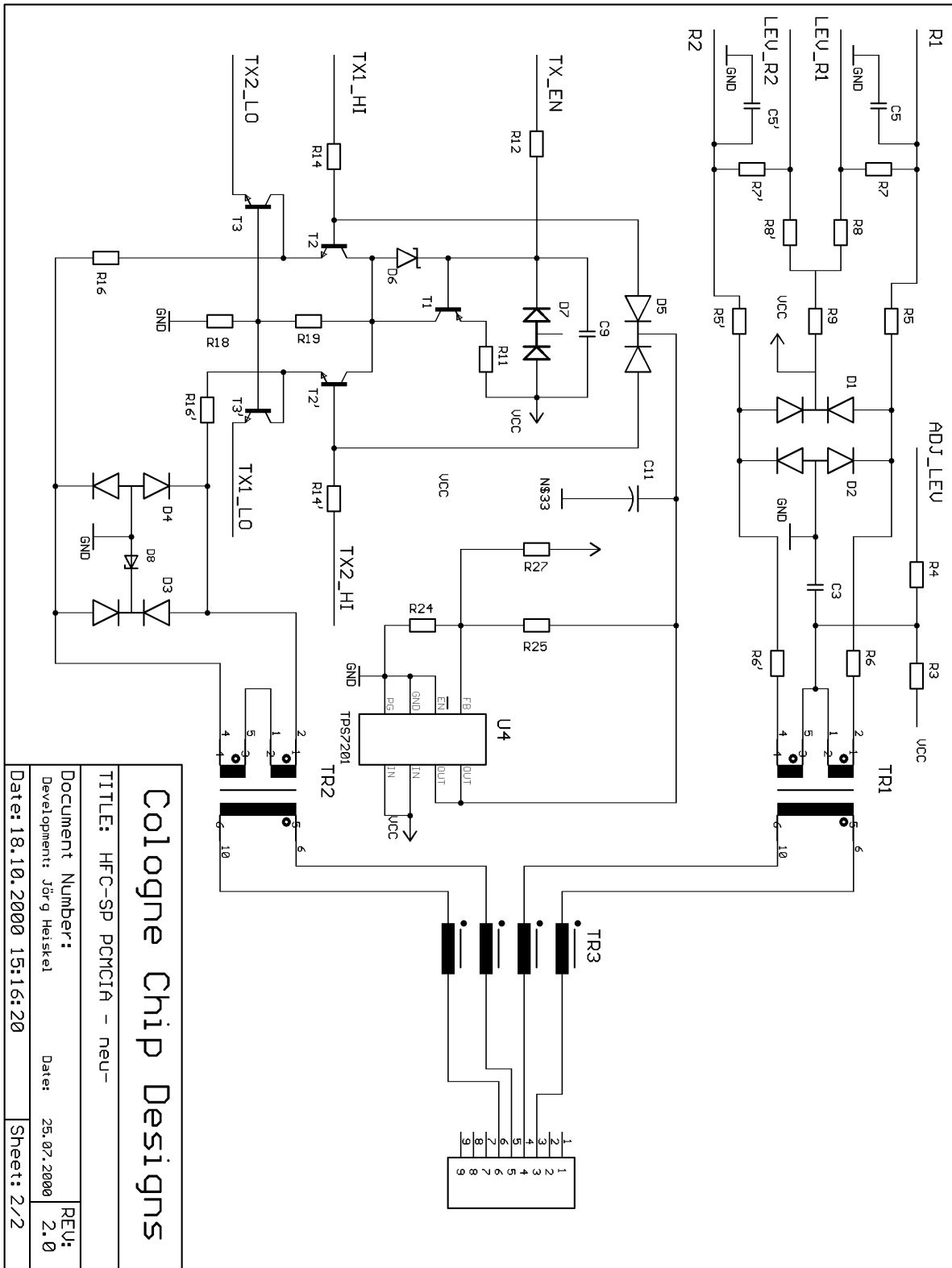
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Introduction

Thank you for your interest in our ISDN controllers. The following pages are just an extract of the HFC-SPs' datasheet. They show how an ISDN PCMCIA card can be built up with the HFC-SP. Of course they can not give you detailed information about all the HFC-SPs' functions, but they can give you an idea about the potential of the HFC-SP. If you want a more detailed description please download the datasheet.

ISDN PCMCIA Card Sample Circuitry





Part List

Resistors

R1	0R	R8'	33k	R19	1k8
R2	1M	R9	1M8	R20	10k
R3	1M	R11	33R 1%	R21	10k
R4	3k9	R12	18k	R22	10k
R5	4k7	R13	100R	R23	10k
R5'	4k7	R14	2k2	R24	470R 1%
R6	4k7	R14'	2k2	R25	560R 1%
R6'	4k7	R16	10R	R26	10k
R7	100k	R16'	10R	R27	6k8
R7'	100k	R17	10k	R30	10k
R8	33k	R18	2k2		

Capacitors

C1	47pF	C9	150pF	CB1-4	33nF
C2	47pF	C11	10µF cap	CB1-5	33nF
C3	47nF	C12	33nF	CB1-6	33nF
C5	22pF	CB1-1	33nF	CB7,1	22µF cap
C5'	22pF	CB1-2	33nF	CB7,2	22µF cap
C8	100pF	CB1-3	33nF		

Transistors

T1	BC560C	T3	BC550C	T5	BC550C
T2	BC550C	T4	BC550C		

Diodes

D1	BAV 70	D4	BAW 56	D7	BAV 99
D2	BAW 56	D5	BAV 70	D8	ZMM002,7
D3	BAV 70	D6	BAR 43		

Chips

U1	HFC-SP (A) ISDN	U3	62256FP
U2	24C04	U4	TPS 7201 Q

others

Q1	MR03 1228	TR2	UT 21023	ANDA	NC7S08
TR1	UT 21023	TR3	UT 28103-A		