


```

sci
ndbuff: ei
ret
; ; U=1 Zeichen in r0
; ; SIO Empfaenger Interrupt
sioin: ld r2,sio
and r2,#7fh ; Paritaetsbit loeschen
inc r3 ; Schreibzeiger
and r3,#buffen-1 ; Korrektur Bufferzeiger
cp r3,r4 ; Buffer voll?
jr z,sioinl ; ja
ld r5,r3
add r5,#buffer-1 ; r3+Bufferanfang-1
ld @r5,r2 ; Zeichen speichern
tm r1,#000000001b ; XOFF gesendet?
jr nz,sioinl ; ja
ld r2,r3 ; Anzahl Zeichen im Buffer ermitteln
sub r2,r4 ; Schreib-leser
and r2,#buffen-1
cp r2,#buffen-10 ; noch 10 Bytes frei?
jr c,sioinl ; ja
or r1,#000000001b ; merken XOFF gesendet
ld sio,#13h ; XOFF senden
sioinl: iret
; ; Init Tabelle fuer Steuerregister
initab: db 00000000b ; TMR
db 00000000b ; T1
db 00000011b ; PRE1
db 2 ; TO 9600 Baud
db 3*4+1 ; PRE0
db 11110110b ; P2M Bit 0=RSTR, Bit 1=DEMAND, Bit 2=Kyrill.
db 01000001b ; P3M
db 00010100b ; PCLM
db 00010100b ; IPR
db 00000000b ; IRQ
db 00001000b ; IMR
db 0 ; FLAGS
db 0 ; RP
db 0 ; SPH
db 80h ; SPL
inital: equ %-initab
end

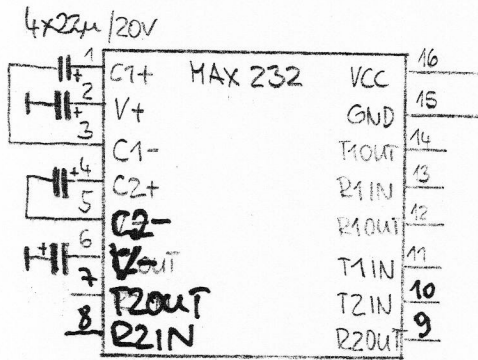
```

23 Schreibzeiger
24 Leserzeiger

10	leser	Leser	F0
20	schreiber	Schreiber	E0
F0			10

20 Leser
10 Schreiber

Steckerbelegung	EMK-I UNI-Karte
1	A/E
2	GND
3	GND
4	?
5	frei
6	frei
7	frei
8	frei
9	frei
10	frei
11	P10
12	P12
13	P14
14	P16
15	5P
16	5P
17	frei
18	P30
19	R/W
20	/AS
21	P32
22	P01 ✓
23	P03 ✓
24	P06 ✓
25	P13
26	P25
27	P21 ✓
28	P17
29	P34
	C
	GND
	GND
	?
	/MDS
	/SYNC
	P07 ✓
	P05 ✓
	P04 ✓
	P02 ✓
	P00 ✓
	P35
	/DS
	/RESET
	P37
	5P
	5P
	IACK
	SCLK
	P11
	P15
	P33
	P23
	P27
	P36
	P31
	P26
	P24
	P22
	P20 ✓



TX } V24 Pin 7
 RX } Pin 2
 P30 } Pin 3
 P37 }

VT27065 Printer

1-8	+5V
9	D2
10	D5
11	D3
12	D4
13	D0
14	D7
15	D1
16	D6
17	NDEML
18	RSTR
38	INC
42	NPMC
43-50	GND

Interface

+5V	A-C 15,16
P02	C9 ✓
P05	C7 ✓
P03	A23 ✓
P04	C8 ✓
P00	C10 ✓
P07	C6 ✓
P01	A22 ✓
P06	A24 ✓
P21	A27 ✓
P20	C29 ✓
GND	
+5V	
GND	A-C 1,2

Beachte Unger. Steckernummerung verläuscht!

