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PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

SLAVE REMOTE CONNECTOR A :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	GND	0.0V	
2	-		
3	R	Biphase R	TTL
4	GND	0.0V	
5	FIL	Filter active (not used)	TTL
6	SHLD	Shield	
7	SHLD	Shield	
8	Stop	rem. indic. STOP	switch in
9	W1	Repro channel 1	15V
10	W2	" " 2	15V
11	REC2	Record 2	15V
12	A1I	rem. indic. Rec 1	~22V
13	A2I	" " " 2	~22V
14	COIN	coincidence (memory $\neq \emptyset$ )	12V
15	-		
16	S	Biphase S	TTL
17	+15V	Rem. power on	
18	22V	AC 22V	
19	-		
20	REW	remote indic. REW	~22V
21	SYNC	" " SYNC	~22V
22	-		
23	REC 1	Record 1	15V
24	-		
25	AUX 3	Auxiliary 3 input (not used)	

OC.OUT = output with  
external pull-  
up resistor  
(+28V max.)

SWITCH IN = open collector or  
switch driving to  
ground

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PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

SLAVE REMOTE CONNECTOR B :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	0.0 V	GND Synchronizer	
2	RECEN 1	Record enable signal ch 1	SWITCH IN
3	RECEN 2	" " " ch 2	" "
4			
5			
6	REL 1	Relais contact 1	
7	REL 2	Relais contact 2	
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22	Aux 1		
23	Aux 2		
24			
25			

OC.OUT = output with external pull-up resistor (+28V max.)

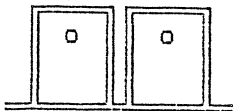
SWITCH IN = open collector or switch driving to ground

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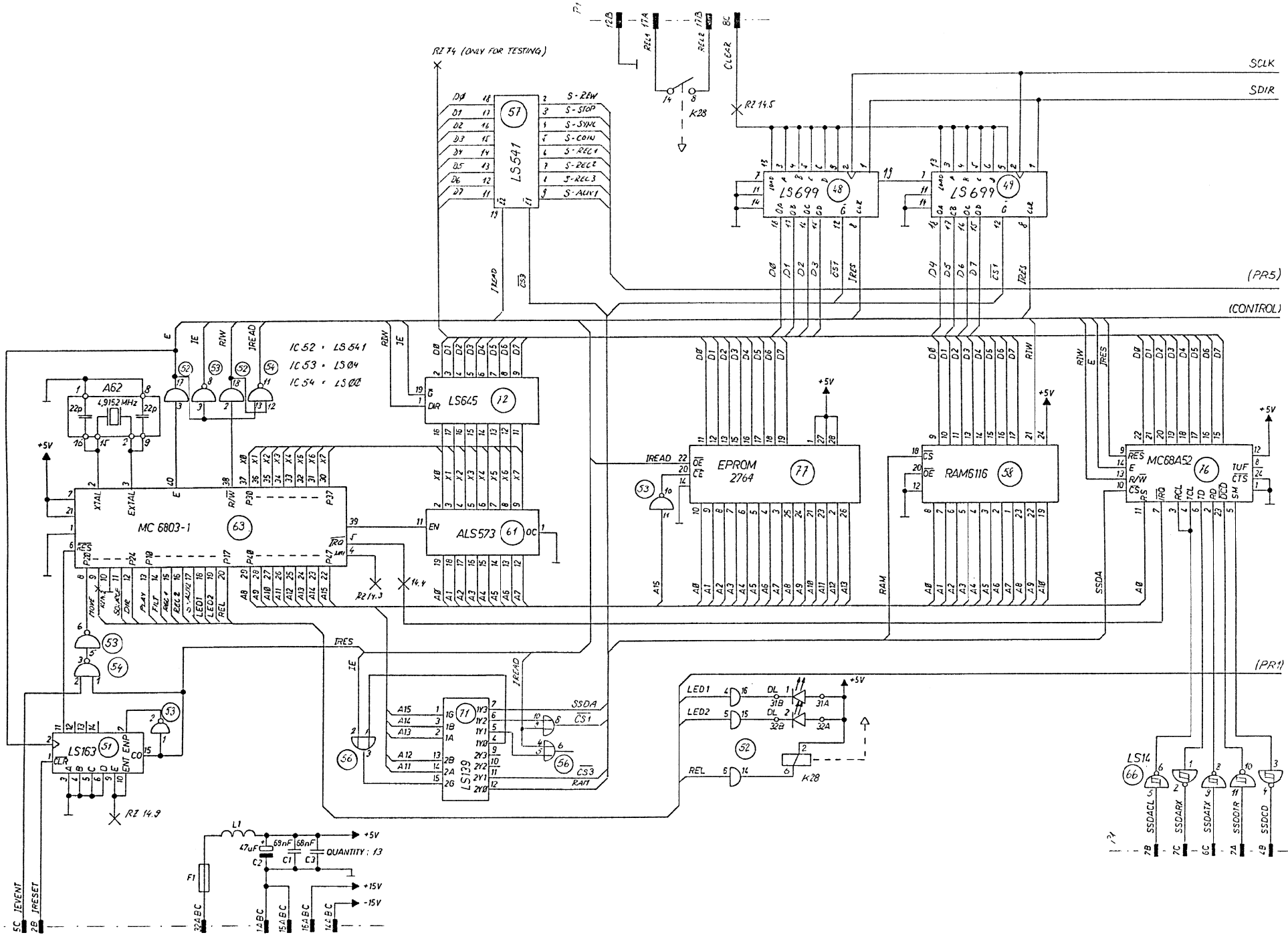
STATUS DISPLAYS ON THE INTERFACE

The two LED's on the interface MB 42 PCB serve as status indicators and for diagnosing possible problems.

DL1 DL2

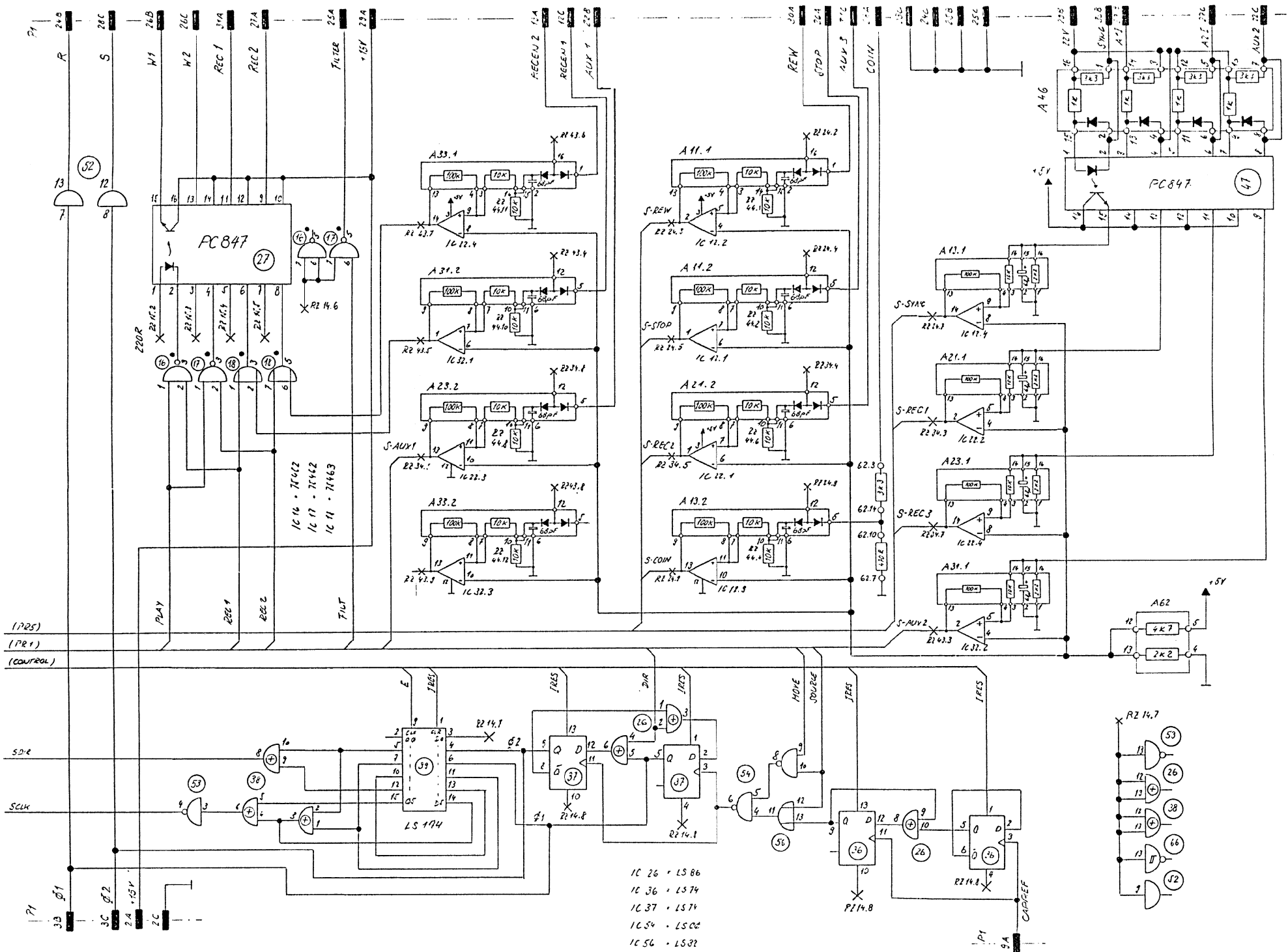


- |   |   |   |
|---|---|---|
|   |   | after initialisation                                      |
| - | - | no ERROR  |
| - | * | EPR0M error   |
| * | - | RAM error   |
| * | * | SSDA error (serial I/O) defectiv                          |
|   |   | during operation  |
| - | - | no error  |
| - | * | memory not $\emptyset$                                    |
| * | - | no communication between interface and machine            |
| * | * | no communication between interface and synchronizer board |

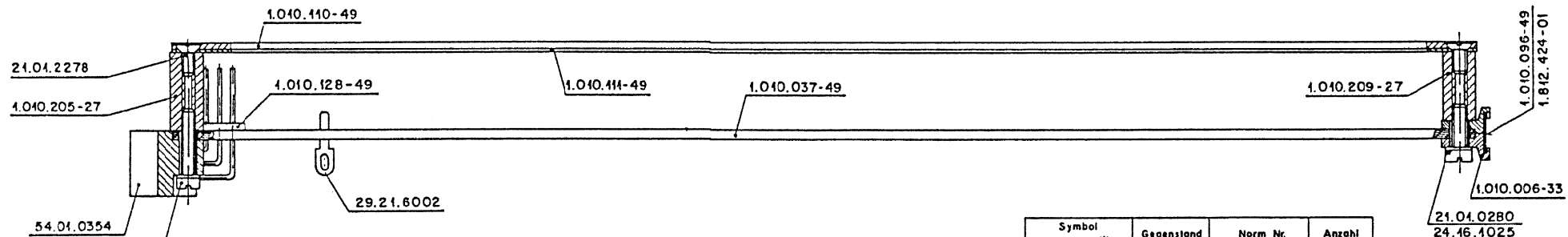
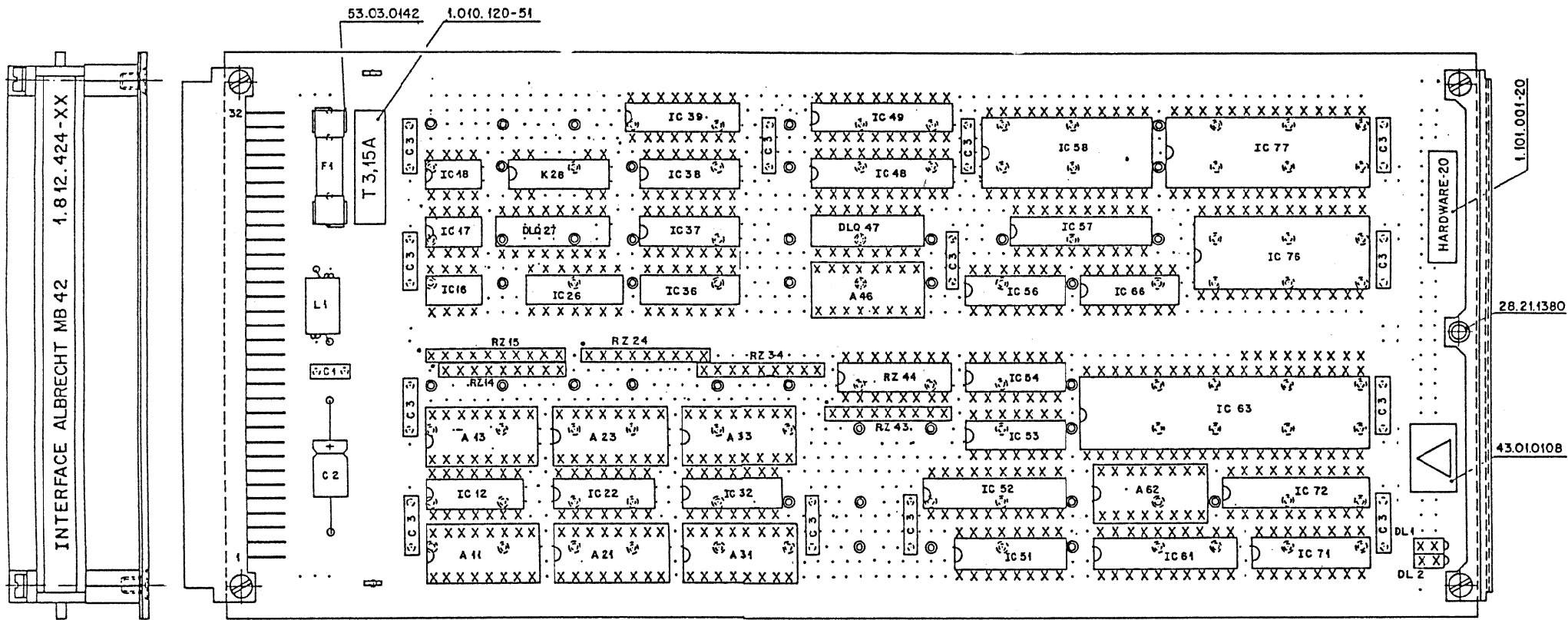


SCLK  
SDIR  
(PR5)  
(CONTROL)

(PR1)



- IC 26 - LS 86
- IC 36 - LS 74
- IC 37 - LS 74
- IC 38 - LS 66
- IC 39 - LS 39



Symbol	verlötet	Gegenstand	Norm Nr.	Anzahl
⊙	⊙	Front Pin	1.010.027-54	
X	○	Kontakt Pin	1.040.028-54	705
○	⊙	Dummy Pin	1.040.029-54	112
Norm-Nr.	Werkstoff	DN-Bez.	Abmessung	Norm-Nr.
				Güte
				Beh.
Zugehörige Unterlagen:	Fremdabtoleranz:	Maßstab:	16.3.87 A.Ho KS	
PL		2:1	Datum Gez. Geor. Gcs. Index	
Ersatz Nr.:	Ersetzt durch:	Kopie		
STUOER REGENSDORF ZÜRICH	Benennung:	INTERFACE ALBRECHT MB 42	ESE	1.812.424-20

IND.	PCS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
A....11		1.812.208.00		Assembly 406-11	St
A....13		1.812.225.00		Assembly 424-13	St
A....21		1.812.225.00		Assembly 424-13	St
A....23		1.812.225.00		Assembly 424-13	St
A....31		1.812.225.00		Assembly 424-13	St
A....33		1.812.208.00		Assembly 406-11	St
A....46		1.812.227.00		Assembly 424-46	St
A....62		1.812.224.00		Assembly 424-62	St
C....01		59.99.0205	68 nF	-20%, 63V, CER	
C....02		59.25.3470	47 uF	-10%, 16V, EL	
C....03		59.99.1200	.068 uF	10%, 100V, PE	Quantity: 13
DL...01		50.04.2107		LED red, 555-2007	Di
DL...02		50.04.2107		LED red, 555-2007	Di
DLQ..27		50.04.2138		PC-847, EE-CM 4	Tt, Shp
DLQ..47		50.04.2138		PC-847, EE-CM 4	Tt, Shp
F....01		51.01.0122	3.15AT	250V, 5 * 20	
IC...12		50.11.0104		LM 339 AN, uA 339	,A
IC...16		50.05.0227		SN 75 462 JG, SN 75 472 P	
IC...17		50.05.0227		SN 75 462 JG, SN 75 472 P	
IC...18		50.05.0203		SN 75 463 P	
IC...22		50.11.0104		LM 339 AN, uA 339	,A
IC...26		50.06.0086		SN 74 LS 86 N	
IC...32		50.11.0104		LM 339 AN, uA 339	,A
IC...36		50.06.0074		SN 74 LS 74 N	
IC...37		50.06.0074		SN 74 LS 74 N	
IC...38		50.06.0086		SN 74 LS 86 N	
IC...39		50.06.0174		SN 74 LS 174 N	
IC...48		50.06.0699		SN 74 LS 699 N	
IC...49		50.06.0699		SN 74 LS 699 N	
IC...51		50.06.0163		SN 74 LS 163 AN	
IC...52		50.06.0541		SN 74 LS 541 N	
IC...53		50.06.0004		SN 74 LS 04 N	

INC.	PCS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
IC...	54	50.06.0000		SN 74 LS 00 N	
IC...	56	50.06.0032		SN 74 LS 32 N	
IC...	57	50.06.0541		SN 74 LS 541 N	
IC...	58	50.14.0107		HM 6116 LP-4, MSM 5128-15	,A HI,OKI
IC...	61	50.06.1573		SN 74ALS 573 N	
IC...	63	50.16.0107		MC 6803P-1, HD 6803P-1	,A Mot,Hi
IC...	66	50.06.0014		SN 74 LS 14 N	
IC...	71	50.06.0139		SN 74 LS 139 N	
IC...	72	50.06.0645		SN 74 LS 645 N	
IC...	76	50.16.0114		MC 68A52, HD68A52	,A Mot,Hi
IC...	77	50.14.0113	see note	D 2764-3, HN 482764 G-3	,A It,Hi
K....	28	56.02.1003	5 V 1*A	100V/0.5A, PrintRelay	
L....	C1	62.01.0115		Wide Band HF-Choke	
P....	C1	54.01.0354		Card Connector 3 * 32 Euro Wrap	
RZ...	14	57.88.4332	8 *3.3K	5%, Single Line	
RZ...	15	57.99.2000	9 *220R	5%, Single Line	
RZ...	24	57.88.4332	8 *3.3K	5%, Single Line	
RZ...	34	57.88.4332	8 *3.3K	5%, Single Line	
RZ...	43	57.88.4332	8 *3.3K	5%, Single Line	
RZ...	44	57.85.3103	15*10K	5%, DIL 16	



IND. PCS.NO. PART NO. VALUE SPECIFICATIONS / EQUIVALENT MANUF.

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Note : Software release 1.812.964.20 (IC 77)

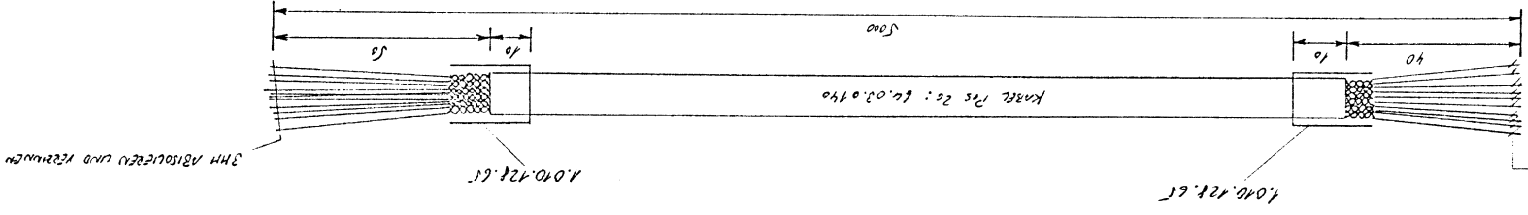
CER = Ceramic, EL = Electrolytic, PE = Met. Polyester

MANUFACTURERS : Di = Dialco  
Hi = Hitachi  
It = Intel  
Mot = Motorola  
OKI = CKI Semiconductor  
Shp = Sharp  
St = Studer  
Tt = Tatheisi

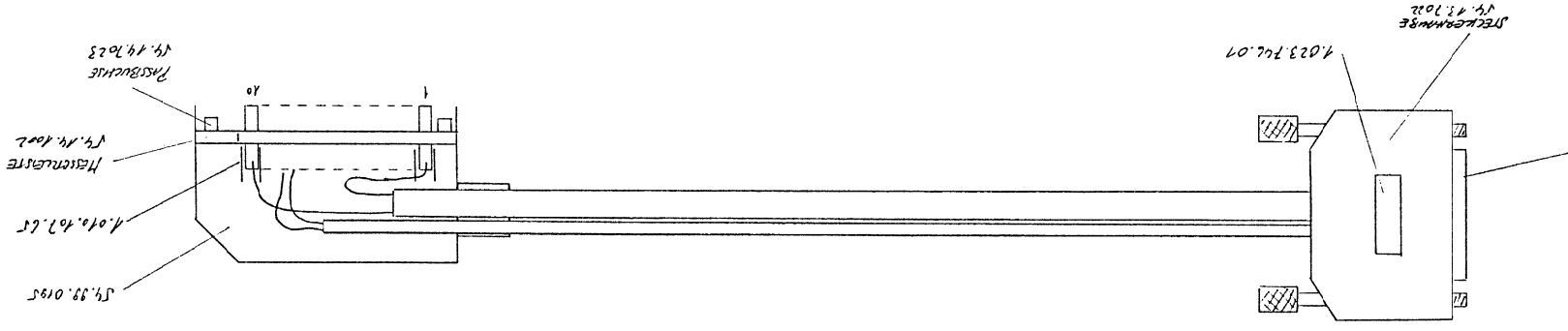
ORIG 87/03/03

S T U C E R (00) 87/03/03 SC INTERFACE ALBRECHT MB 42 1.812.424.20 PAGE 3

Bestücken mit  
Gehäuse MKT 38  
14.02.0424



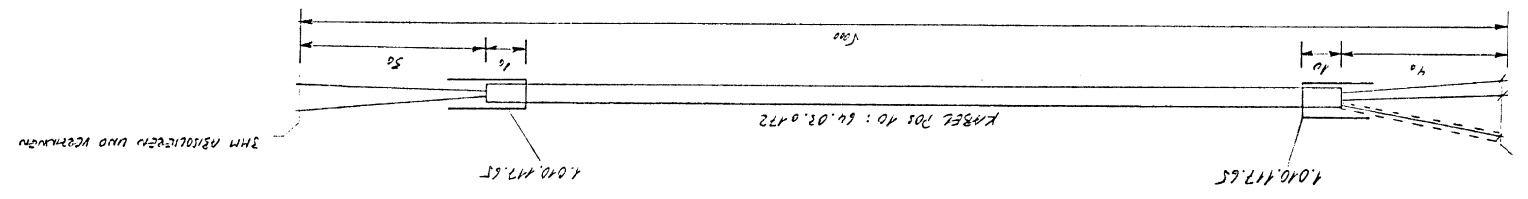
Gehäuse  
14.02.0422



Seite A

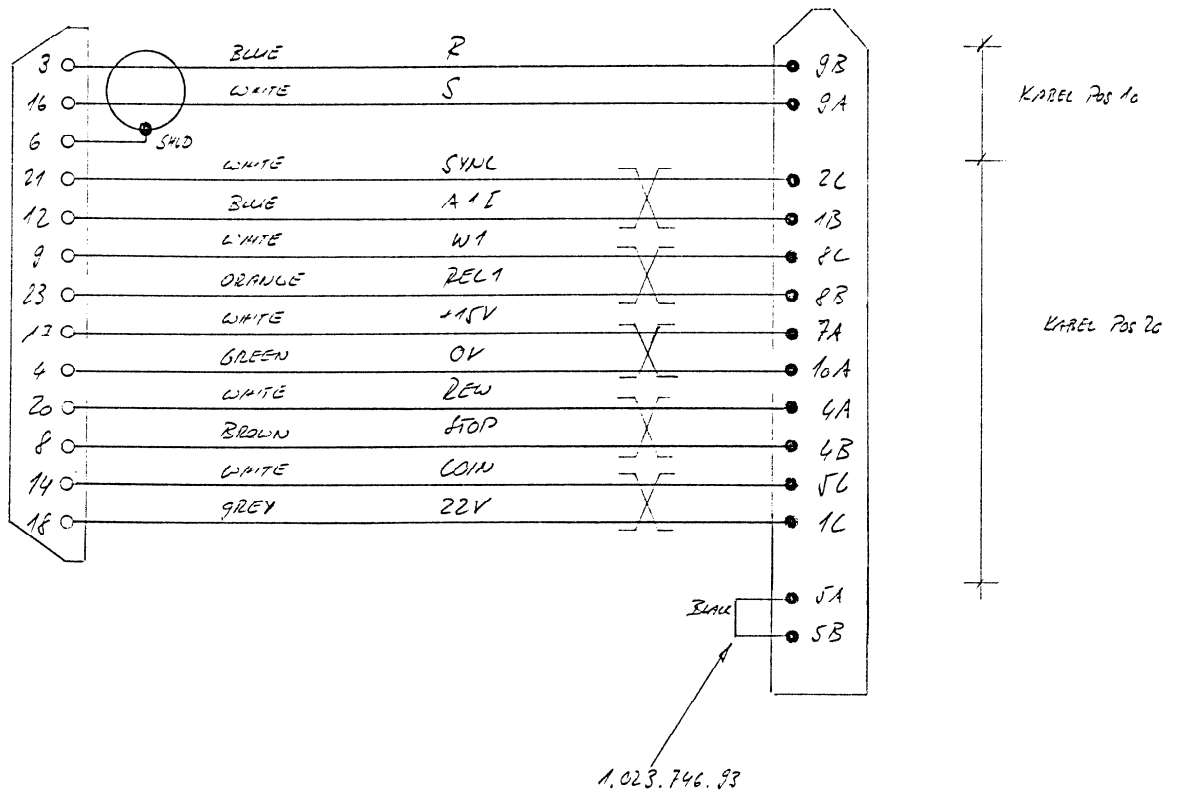
Seite B

Bestücken mit  
Gehäuse MKT 38  
14.02.0424



TLS 4000 MK2  
 25 POL DELTA  
 SCA

ALBRECHT MB42  
 30 POL DIN 41618



PRODUKTIONS-VERDRÄHTUNGS-LISTE

\*\*\* 1.023.746.93 \*\*\*

ACND.DAT. 87/02/20-00

SEITE 1

IF-KABEL ALBRECHT MB42 5M

PRCC.DAT. 87/03/02 \* 14:27

TOTAL 1 SEITE

BEMERKUNGEN :

\*\*\*\*\*

KABEL POS. 20 -> ZUSAMMENGEHOERENDE ADERN -> 10 - 20 ; 30 - 40 ;  
50 - 60 ; 70 - 80 ;  
90 - 100 ;

STECKER P2 : LOETANSCHLUESSE ISOLIEREN MIT 1.010.107.65 (14\*)  
KURZSCHLUSSLITZE 1.023.746.93 ZWISCHEN DEN  
KONTAKTEN 05A UND 05B ANBRINGEN

MOD IDX	BAUTEIL NR.	POS/A. NR.	FARBE	SIGNAL	NAME	-- A N F A N G --				--- A N Z A P F U N G ---				----- F N D E -----				REM			
						TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE	TYP	VERDRÄHTUNGSORT	LAENGE				
						AS	GR	EL	PT	ANFANG	AS	GR	EL	PT	TOTAL	AS	GR	EL	PT		
	1.023.746.94	0010	BL	R		BB	00	00	01	03					5000						
		0030	SC	SCREEN		BB	00	00	01	06						SN3	00	00	02	09B	
		0020	WS	S		BB	00	00	01	16						SN3	00	00	02	09A	
	1.023.746.94	0020													5000						
		0060	GN	0.0V		BB	00	00	01	04						SN3	00	00	02	10A	
		0080	BR	STOP		BB	00	00	01	08						SN3	00	00	02	04B	
		0030	WS	W1		BB	00	00	01	09						SN3	00	00	02	08C	
		0020	BL	A11		BB	00	00	01	12						SN3	00	00	02	01B	
		0090	WS	CGIN		BB	00	00	01	14						SN3	00	00	02	05C	
		0050	WS	+15V		BB	00	00	01	17						SN3	00	00	02	07A	
		0100	GR	22V		BB	00	00	01	18						SN3	00	00	02	01C	
		0070	WS	REW		BB	00	00	01	20						SN3	00	00	02	04A	
		0010	WS	SYNC		BB	00	00	01	21						SN3	00	00	02	02C	
		0040	OR	REC1		BB	00	00	01	23						SN3	00	00	02	08B	
	1.023.746.93	0010	SW			L3	00	00	02	05A					60	L3	00	00	02	05B	