Perfectone CAPERMA © 10.27.0420 1.812.416.20x1

PAGE

PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

SLAVE REMOTE CONNECTOR A :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	SHLD	Shield R/S	
2			
3	R	Biphase R	TTL
4	GND	0.0V	
5			
6			
7			
8	F16	rem. indic. 16mm/35mm	switch in
9	COML	Repro	
10	COME	Record	
11			
12			
13			
14			
15			
16	S	Biphase S	TTL
17	+5V	Remote power on	DC
18			
19	BPHP	Biphase power	DC
20			
21			
22			
23			
24			
25			

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

SWITCH IN = open collector or switch driving to ground

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	Record enable signal	SWITCH IN
3	AUX 1	inp Ø } 24F/s Ø } 25 F/s	
4	AUX 2	inp Ø } 24F/s 1 } 25 F/s	
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			
23			
24			
25			

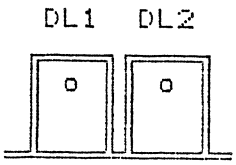
OC.OUT = output with external pull-up resistor (+28V max.)

SWITCH IN = open collector or switch driving to ground

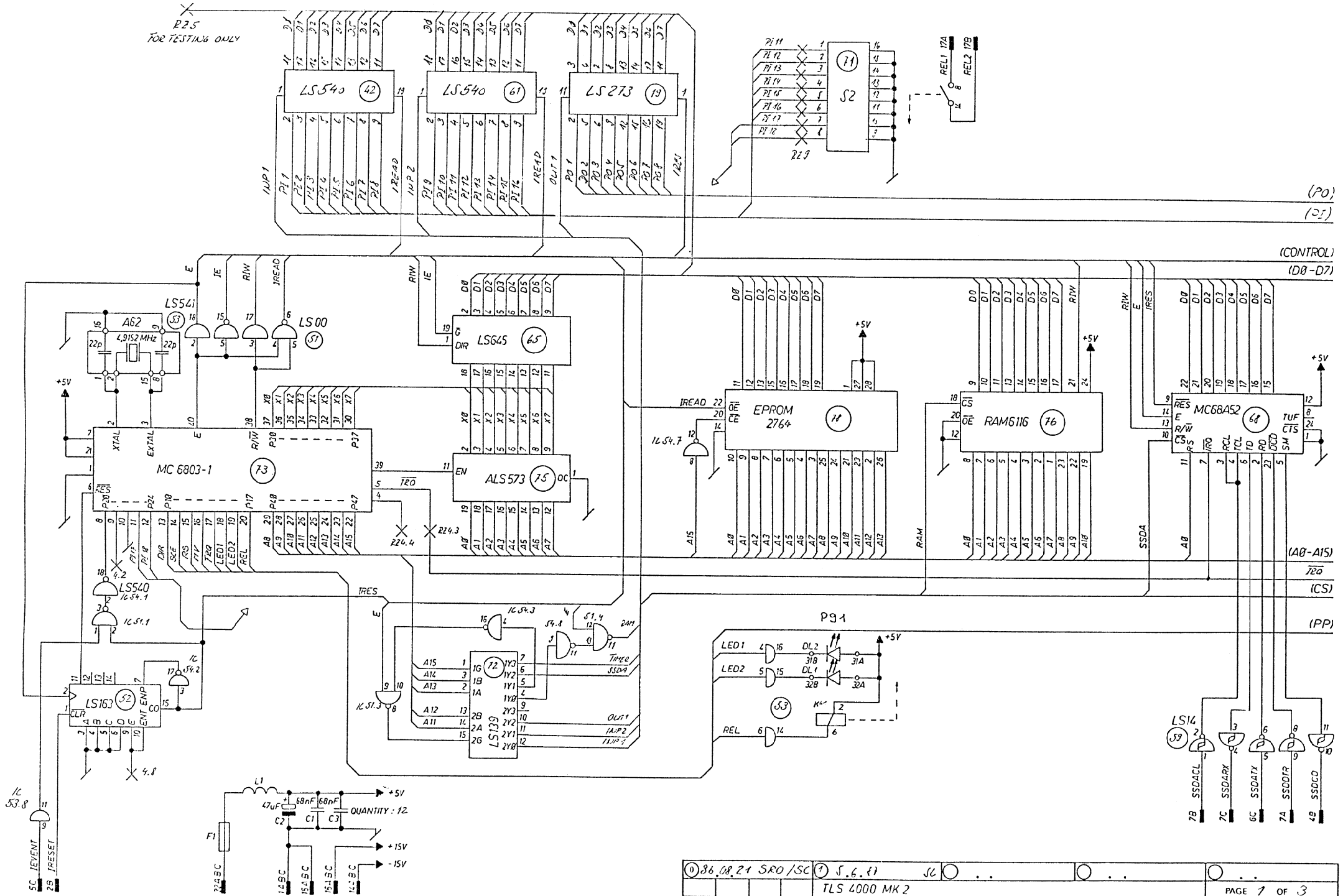
PAGE

STATUS DISPLAYS ON THE INTERFACE

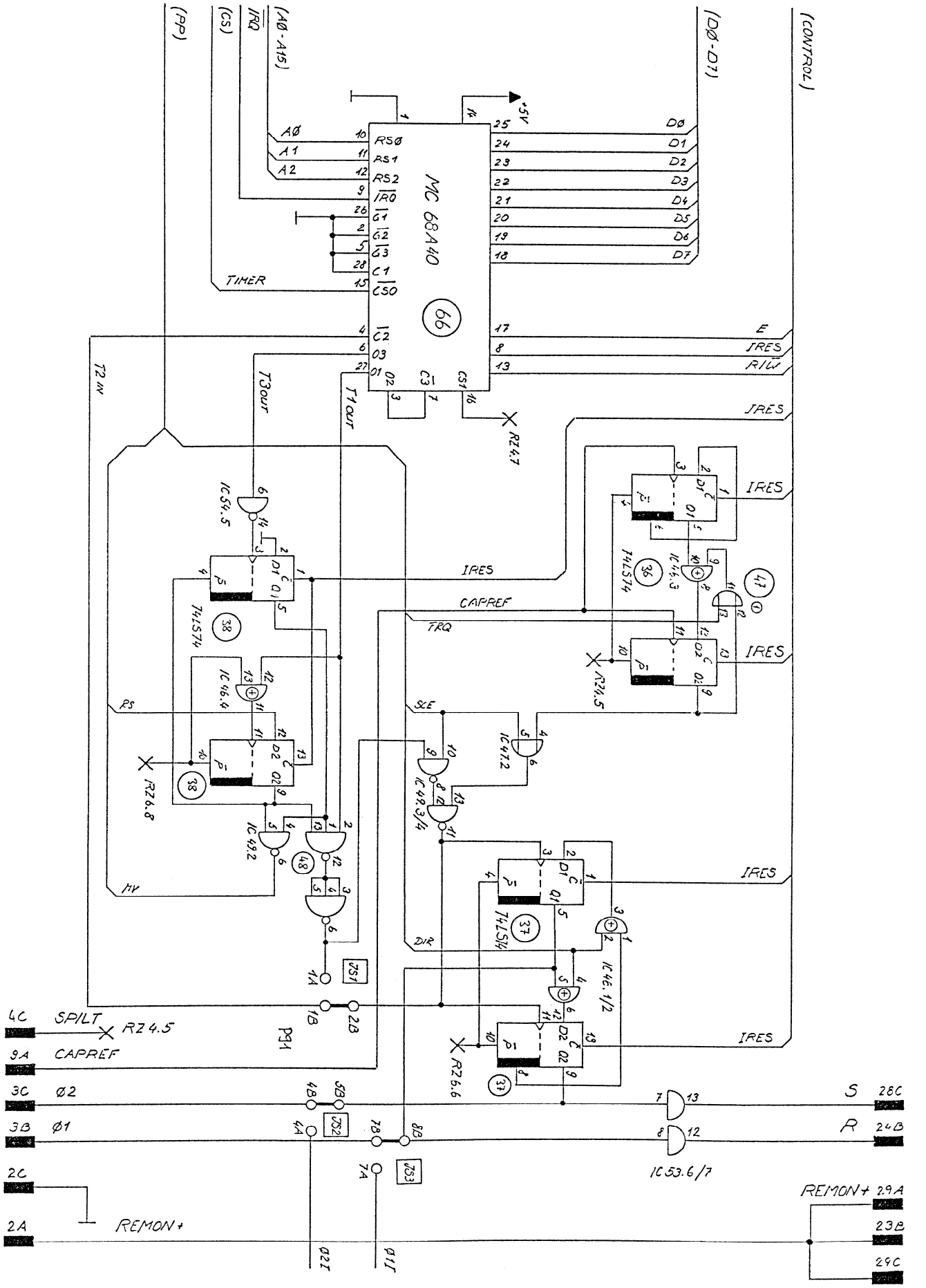
The two LED's on the interface under PCB serve as status indicators and for diagnosing possible problems.



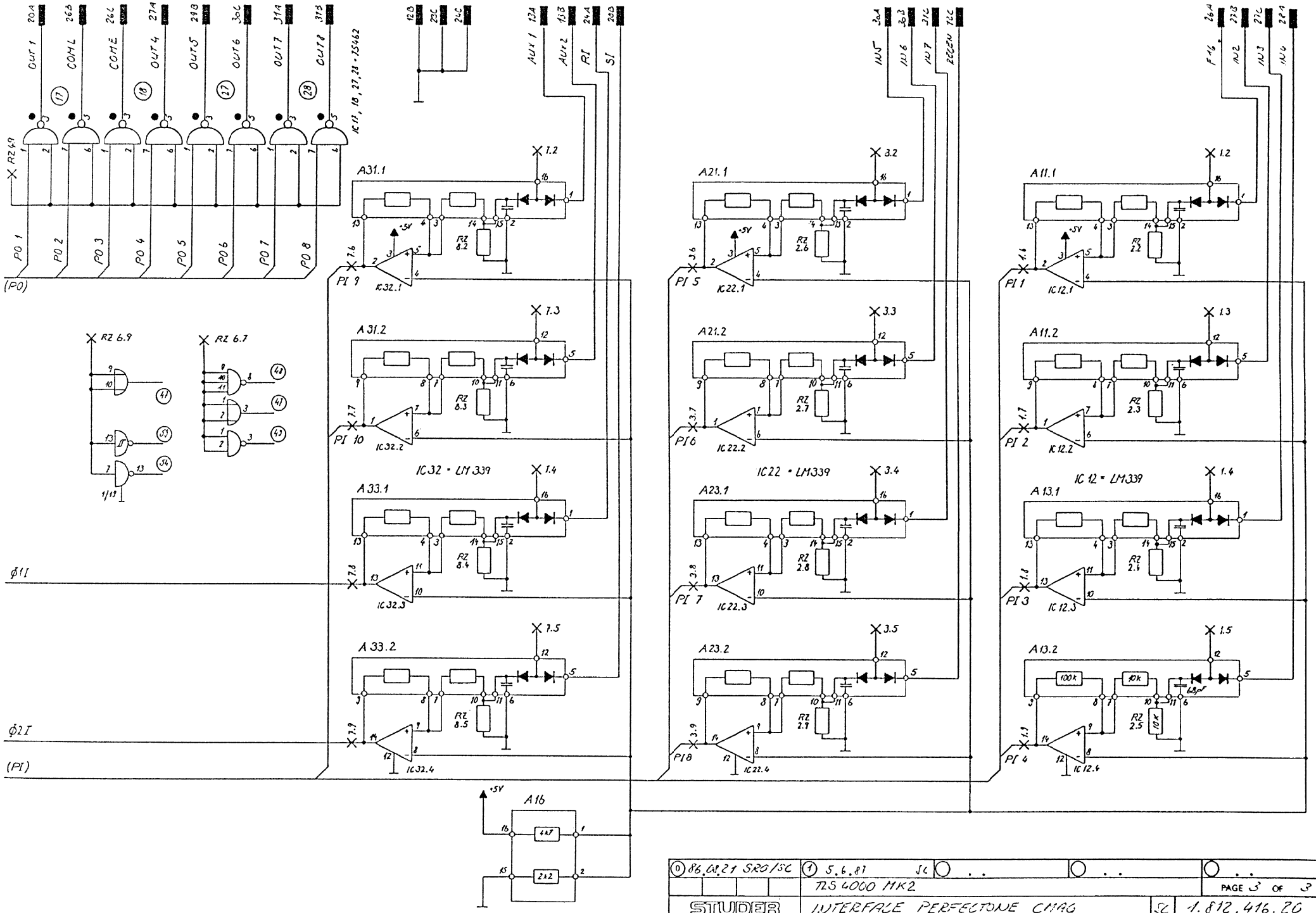
		after initialisation
-	-	no ERROR
-	*	EPROM error
*	-	RAM error
*	*	SSDA error (serial I/O) defectiv
		during operation
-	-	no error
-	*	
*	-	no comunication between interface and machine
*	*	no comunication between interface and synchronizer board



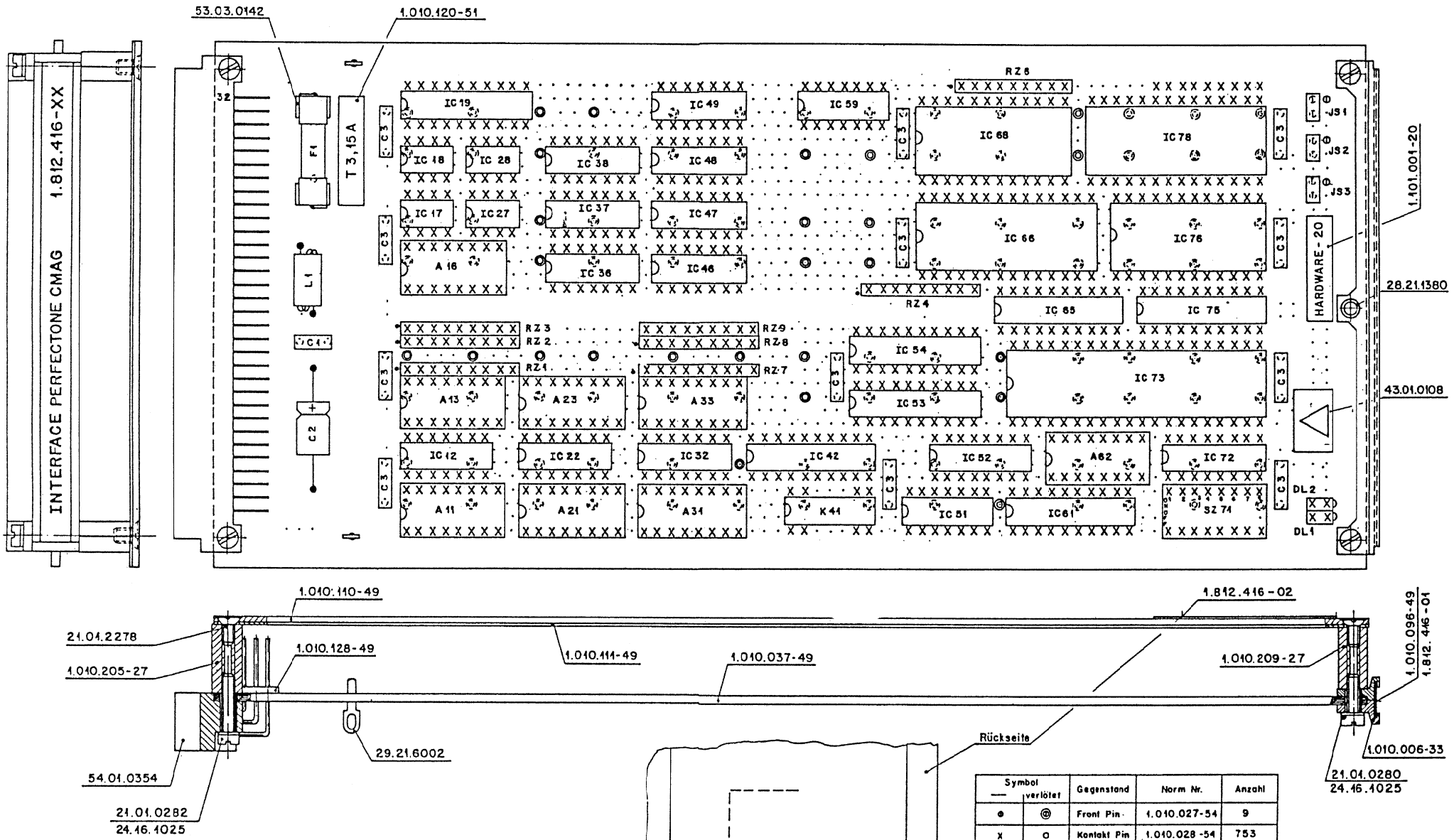
0 86.08.21 SRO/SC	1 S.6.87 SC				
	TLS 4000 MK2				PAGE 1 OF 3
STUDER	INTERFACE PERFECTONE CMAG		ESE	SC	1.812 416.20

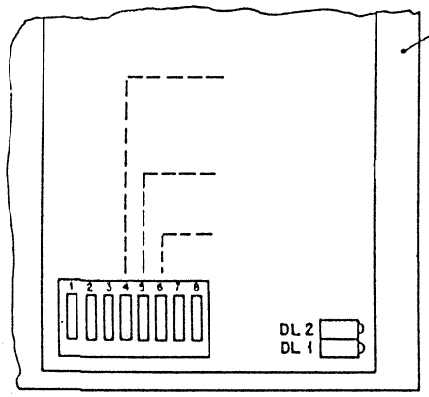


0 86.08.21 SRO/SC	1 5.6.87 SC	. .	. .	. .
			TLS 4000 MK2	PAGE 2 OF 3
STUDER	INTERFACE PERFECTONE CMAG		ESE SC	1.812.416.20



0 86.01.21 SRG/SC	1 5.6.81 JC			
	TLS 4000 MK2			PAGE 3 OF 3
STUDER	INTERFACE PERFECTONE CMAG		JC	1.812.416.20





Symbol		Gegenstand	Norm Nr.	Anzahl
—	verlötet			
⊕	⊛	Front Pin	1.010.027-54	9
X	O	Kontakt Pin	1.010.028-54	753
O	◎	Dummy Pin	1.010.029-54	112

Werkstoff: Norm-Nr / DIN-Bez / Abmessung	Oberfläche: Gute / Beh.	Änderung				③ ② ①
Zugehörige Unterlagen: PL	Fremdtoleranz:	Maßstab: 2:1	Ausgabe	5.9.86	A.Ho	⓪
			Datum	Gez.	Gepr.	Ges. Index
Ersatz für	Ersetzt durch		Kopie für			

STUDER REGENSDORF ZÜRICH

Benennung: INTERFACE PERFECTONE CMAG ESE

Nummer: 1.812.416-20

IND.	POS.NC.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	A....11	1.812.208.00		Assembly 406-11	St
	A....13	1.812.208.00		Assembly 406-11	St
	A....16	1.812.217.00		Assembly 416-16	St
	A....21	1.812.208.00		Assembly 406-11	St
	A....23	1.812.208.00		Assembly 406-11	St
	A....31	1.812.208.00		Assembly 406-11	St
	A....33	1.812.208.00		Assembly 406-11	St
	A....62	1.812.201.00		Assembly 120-52	St
	C....C1	59.99.0205	68 N	-20%, 63V , KER	
	C....02	59.25.3470	47 U	-20%, 16V , EL	
	C....C3	59.99.1200	.068U	20%, 63V , PE Quantity: 12	
	DL...01	50.04.2107		Red ; 555-2007	
	DL...02	50.04.2107		Red ; 555-2007	
	IC...12	50.11.0104		LM 339 N	
	IC...17	50.05.0227		SN 75 472 P, SN 75 462 JG,	
	IC...18	50.05.0227		SN 75 472 P, SN 75 462 JG,	
	IC...19	50.06.0273		SN 74 LS 273 N	
	IC...22	50.11.0104		LM 339 N	
	IC...27	50.05.0227		SN 75 472 P, SN 75 462 JG,	
	IC...28	50.05.0227		SN 75 472 P, SN 75 462 JG,	
	IC...32	50.11.0104		LM 339 N	
	IC...36	50.06.0074		SN 74 LS 74 N	
	IC...37	50.06.0074		SN 74 LS 74 N	
	IC...38	50.06.0074		SN 74 LS 74 N	
	IC...42	50.06.0540		SN 74 LS 540 N	
	IC...46	50.06.0086		SN 74 LS 86 N	
	IC...47	50.06.0032		SN 74 LS 32 N	
	IC...48	50.06.0010		SN 74 LS 10 N	
	IC...49	50.06.0000		SN 74 LS 00 N	
	IC...51	50.06.0000		SN 74 LS 00 N	
	IC...52	50.06.0163		SN 74 LS 163 AN	
	IC...53	50.06.0541		SN 74 LS 541 N	
	IC...54	50.06.0540		SN 74 LS 540 N	
	IC...59	50.06.0014		SN 74 LS 14 N	

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	IC...61	50.06.0540		SN 74 LS 540 N	
	IC...65	50.06.0645		SN 74 LS 645 N	
	IC...66	50.16.0113		MC68 A40 HD68 A40, ,A	Mot,Hi
	IC...68	50.16.0114		MC68 A52 HD68 A52, S68A52 ,A	Mot,Hi,AMI
	IC...72	50.06.0139		SN 74 LS 139 N	
	IC...73	50.16.0107		MC 6803P-1, HD 6803P-1 ,A	Mot,Hi
	IC...75	50.06.1573		SN 74 ALS 573 N,	TI
	IC...76	50.14.0107		HM 6116 LP-4,MSM 5128-15 ,A	Hi,OKI
	IC...78	50.14.0113	see Note	D 2764-3 HN 482764 G-3 ,A	It,Hi,TI,SGS
	JS...01	54.01.0021		Jumper	
	JS...02	54.01.0021		Jumper	
	JS...03	54.01.0021		Jumper	
	K....41	56.02.1003	5 V 1*A	100V/0.5A, Print	
	L....01	62.01.0115		Wide Band HF-Choke	
	RZ...01	57.88.4332	8*3.3K	5%, Single Line	
	RZ...02	57.88.4103	8*10K	5%, Single Line	
	RZ...03	57.88.4332	8*3.3K	5%, Single Line	
	RZ...04	57.88.4332	8*3.3K	5%, Single Line	
	RZ...06	57.88.4332	8*3.3K	5%, Single Line	
	RZ...07	57.88.4332	8*3.3K	5%, Single Line	
	RZ...08	57.88.4103	8*10K	5%, Single Line	
	RZ...09	57.88.4332	8*3.3K	5%, Single Line	
	SZ...71	55.01.0168		8*A, DIL	

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

Note : Software realease 1.812.958.20 (IC 78)

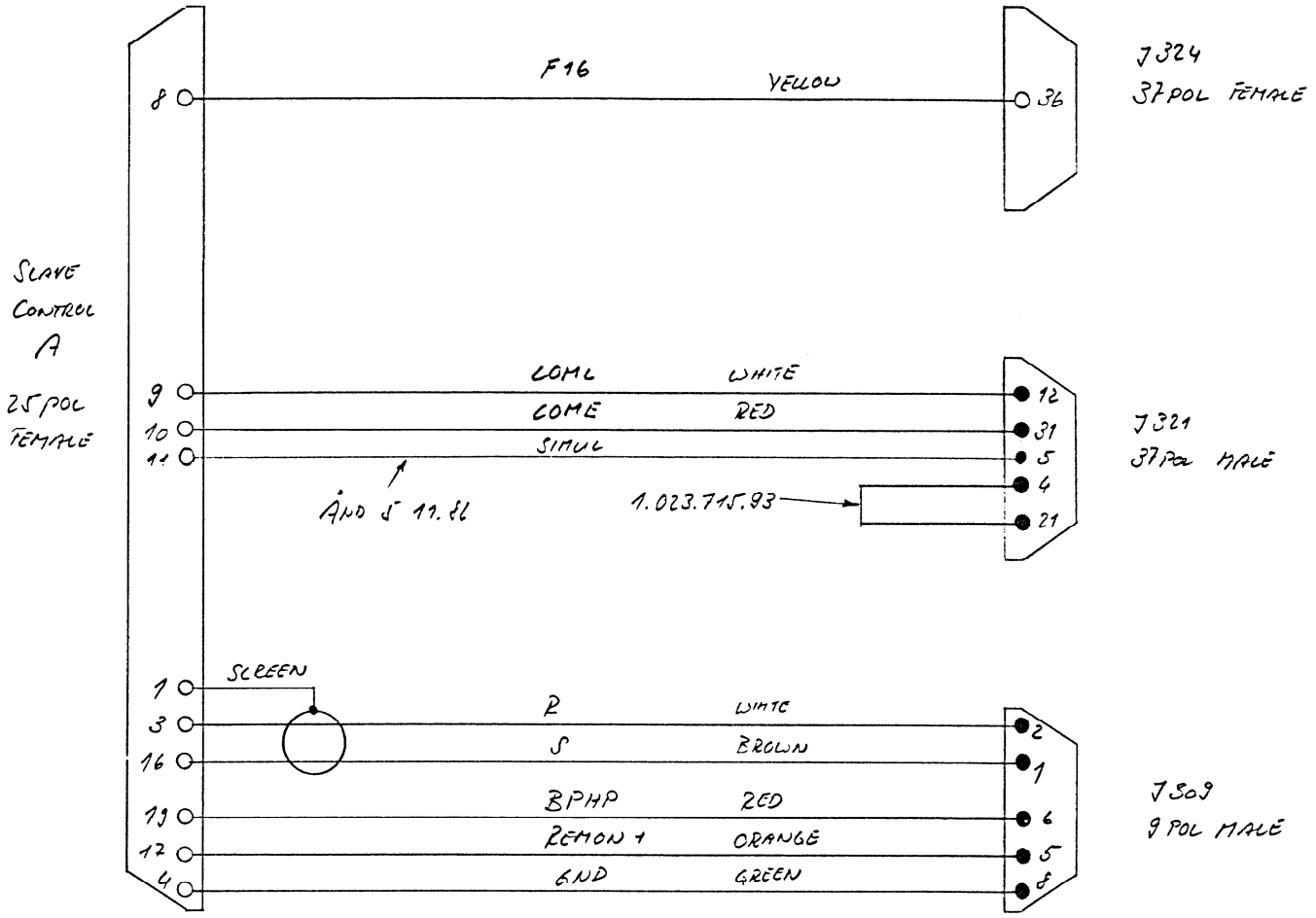
CER = Ceramic, EL = Electrolytic, MPETP = Met. Polyester

MANUFACTURERS : TI=Texas Instrument, St=Studer, Mot=Motorola
Hi=Hitachi, It=Intel, CKI=OKI Semiconductor
AMI=American Microsystem Inc.,SGS=SGS/Ates

ORIG 86/C8/21

TLS 4000 MK2

SLAVE MASCHINE
PERFECTONE CMAG



					PAGE OF
STUDER	IF-KABEL PERFECTONE CMAG			SC	1.023.715.00

-KABEL PERFECTONE CMAG ,3M PROC.DAT. 86/11/14 * 08:09 TOTAL 1 SEITE

--> IM STECKER P3 IST NOCH DIE KURZSCHLUSSLITZE 1.023.715.93
ZWISCHEN DEN ANSCHLUESSEN 4 UND 21 ANZUBRINGEN

D X	BAUTEIL NR.	POS/A. NR.	FARBE	SIGNAL NAME	ANFANG TYP	ANFANG VERDRAHTUNGSORT AS	ANFANG GR	ANFANG EL	ANFANG PT	ANZAPFUNG LAENGE ANFANG	ANZAPFUNG TYP	ANZAPFUNG VERDRAHTUNGSORT AS	ANZAPFUNG GR	ANZAPFUNG EL	ANZAPFUNG PT	ENDE LAENGE TOTAL	ENDE TYP	ENDE VERDRAHTUNGSORT AS	ENDE GR	ENDE EL	ENDE PT	BEM
	1.023.715.94	0010														3330						
		0030	SC	SCREEN	BB	00	00	01	01									00	00	00	00	
		0040	WS	R	B	00	00	01	03								A	00	00	04	07	
		0060	GN	GND	B	00	00	01	04								A	00	00	04	08	
		0010	WS	COML	B	00	00	01	09								A	00	00	03	12	
		0020	RT	COME	B	00	00	01	10								A	00	00	03	31	
		0100	BR	SIMUL	B	00	00	01	11								A	00	00	03	05	
		0050	BR	S	B	00	00	01	16								A	00	00	04	01	
		0070	OR	REMON+	B	00	00	01	17								A	00	00	04	05	
		0080	RT	BPHP	B	00	00	01	19								A	00	00	04	06	
	1.023.715.93	0010	SW		A	00	00	03	04							60	A	00	00	03	21	