AMPEX VPR-G 10.27.0980 1.812.422.20

PAGE

PIN ASSIGNMENT OF SLAVE REMOTE CONNECTORS A AND B

SLAVE REMOTE CONNECTOR A :

PIN	SIGNAL NAME	FUNCTION	SIGNALTYPE
1	GND	0.0V	
2	TA	Transmit A	
3	TB	Transmit B	
4	TC	Transmit common	
5	SHLD	Shield	
6			
7			
8			
9			
10	AUX1	-	
11	AUX2	-	
12	AUX3	-	
13	AUX4	-	
14	OUT1	-	
15	OUT2	-	
16	OUT3	-	
17	OUT4	-	
18			
19	GND	0.0V	
20			
21			
22	RA	Receive A	
23	RB	Receive B	
24	RC	Receive common	
25	REMON +		

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

SWITCH IN = open collector or switch driving to ground

1. The VPR-6 must have the following setup:
   - 13. PRESET SERIAL ID TO 1
   - 16. VIDEO REF SELECT TO 1 (ref)
   - 2. REMOTE 1 TO 4 (serial)
2. The interface must have the following setup:

SW 3 12345678 00000001 → 80 A2
SW 2 01000101 ←

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	RECEN 3	" " " ch 3 *)	" "
5	RECEN 4	" " " ch 4 *)	" "
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.)

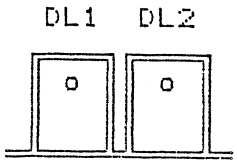
SWITCH IN = open collector or switch driving to ground

*) channel present

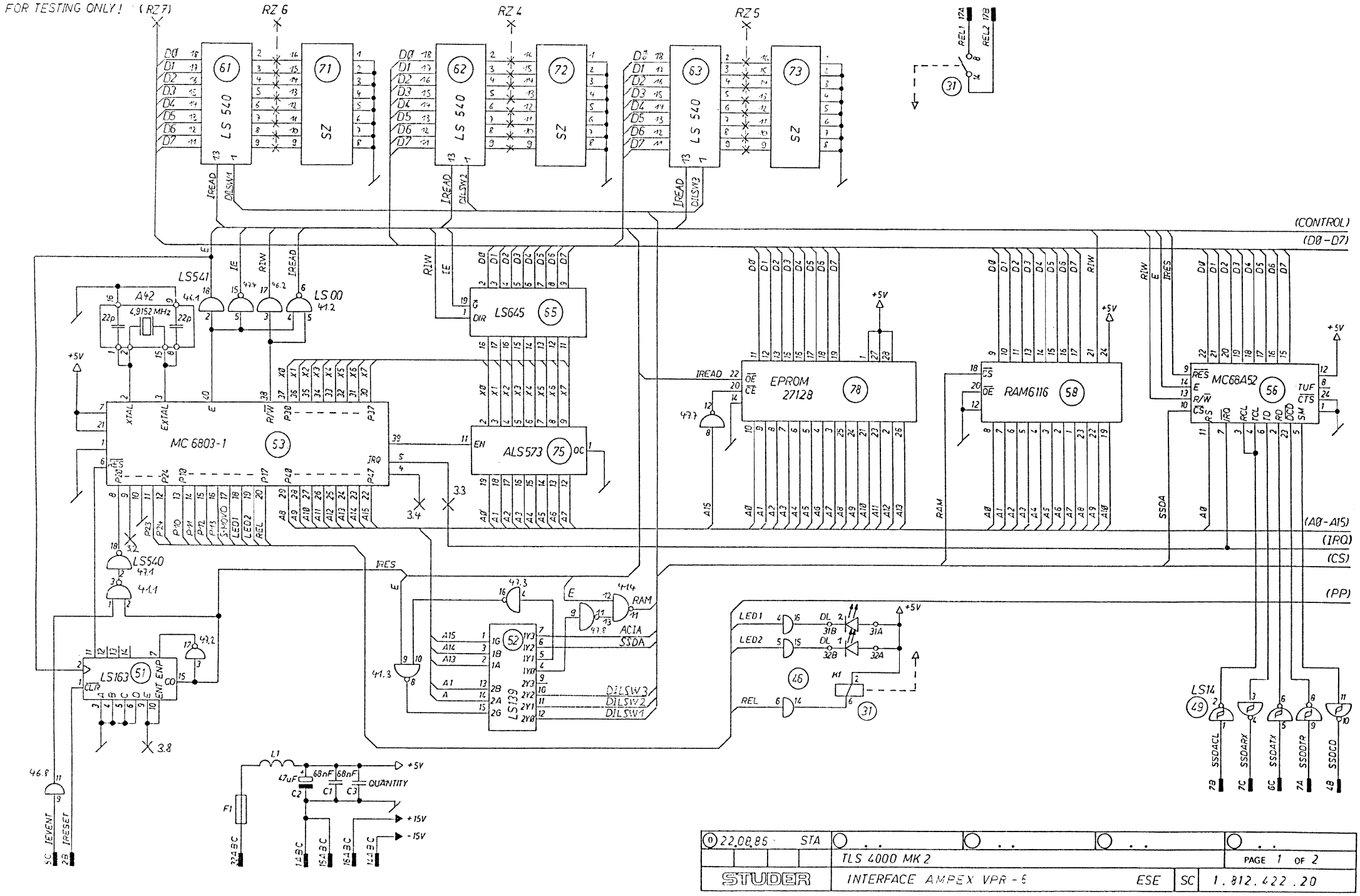
PAGE

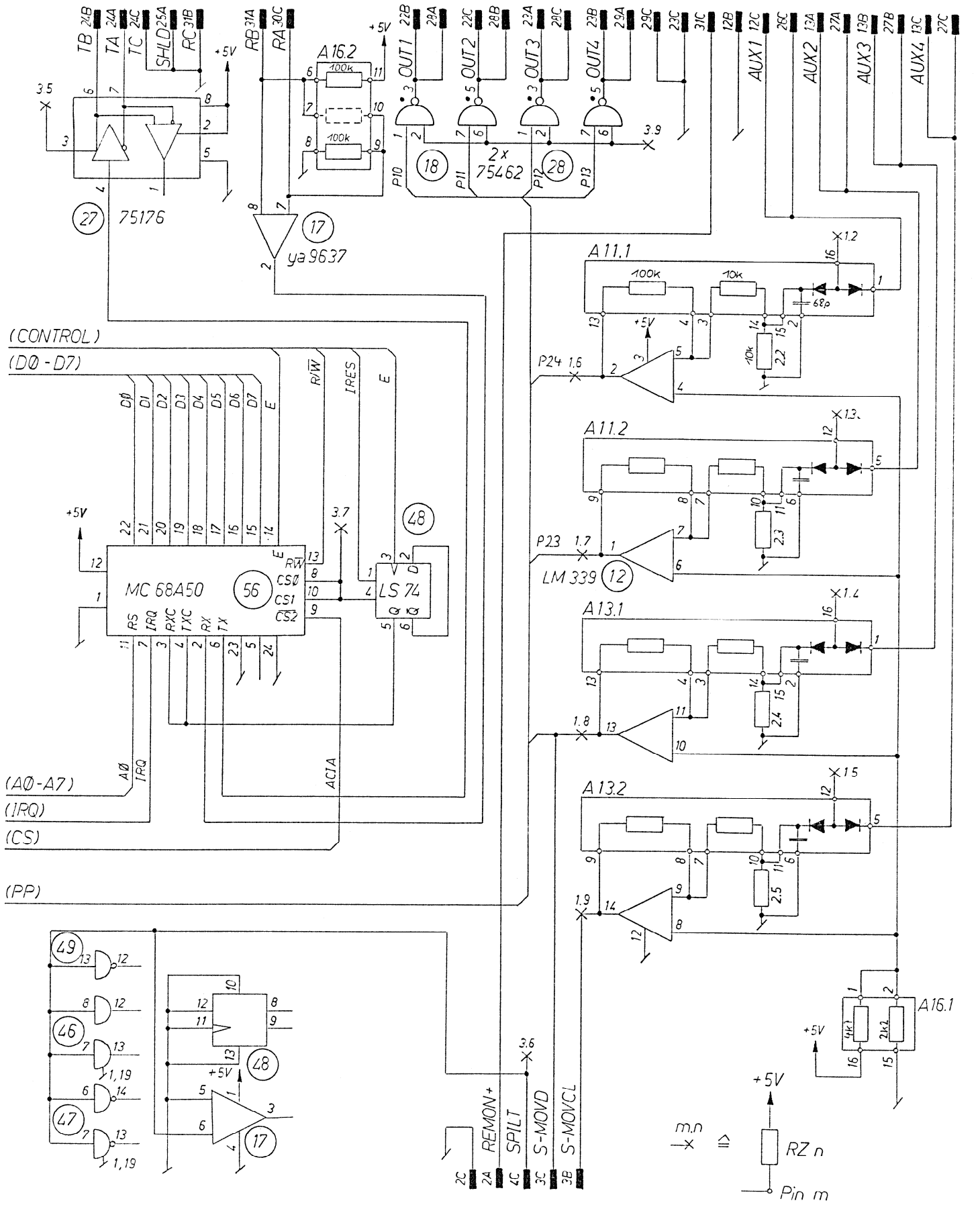
STATUS DISPLAYS ON THE INTERFACE

The two LED's on the interface VPR-6 PCB serve as status indicators and for diagnosing possible problems.

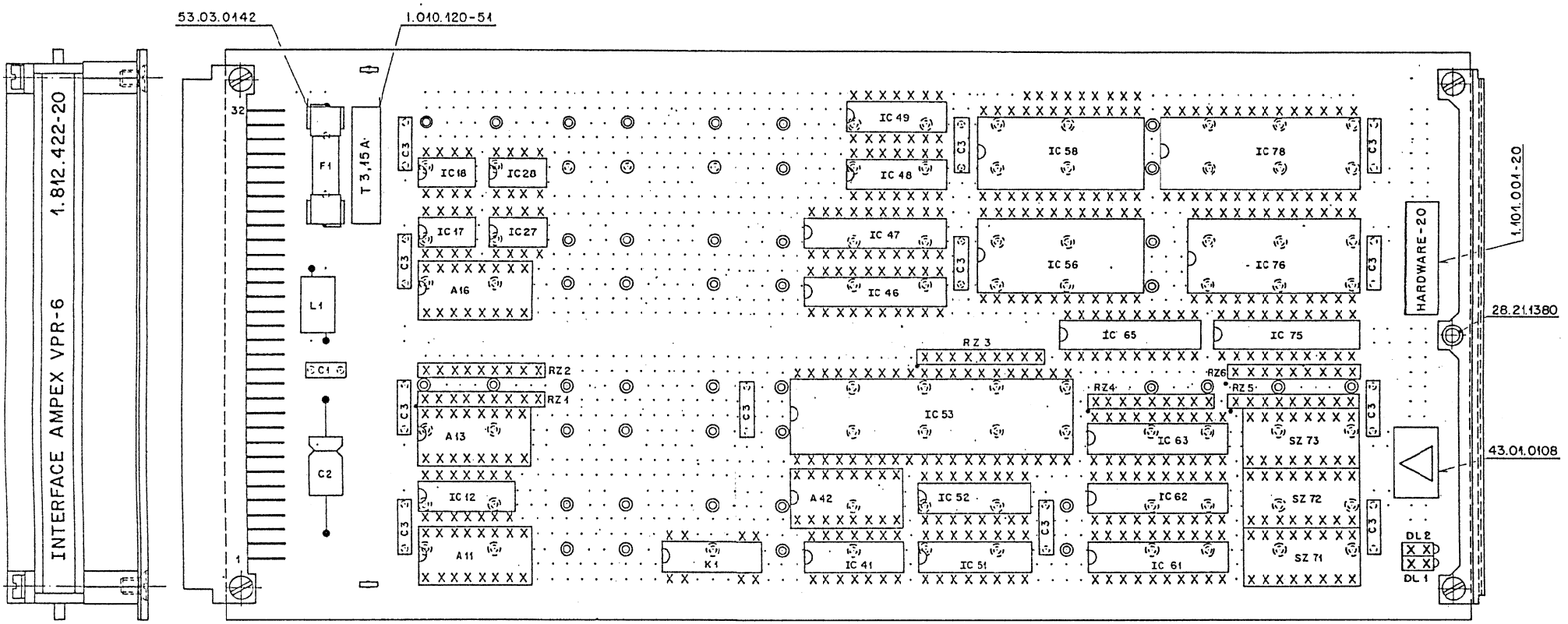


		after initialisation
-	-	no ERROR
-	*	EPROM error
*	-	RAM error
*	*	SSDA error (serial I/O) defectiv
		during operation
-	-	no error
-	*	not Sync
*	-	no comunication between interface and machine
*	*	no comunication between interface and synchronizer board


FOR TESTING ONLY!
(RZ7)
RZ6
RZ4
RZ5
LS 540
SZ
IREAD
DILSW1
DILSW2
DILSW3
REL1 12A
REL2 12B
(CONTROL)
(D0-D7)
(A0-A15)
(IRQ)
(CS)
(PP)
LS541
LS00
A42
4,9152 MHz
22p
LS645
MC 6803-1
ALS573
EPROM 27128
RAM6116
MC68A52
LS540
LS163
LS139
RAM
ACIA
SSDA
LED1
LED2
REL
K1
LS14
SSDACL
SSDARX
SSDATX
SSDDTR
SSDCD
L1
47uF
68nF
QUANTITY
+5V
+15V
-15V
IEVENT
IRESET
STUDER
TLS 4000 MK2
INTERFACE AMPEX VPR-6
ESE
SC
1.812.422.20
PAGE 1 OF 2
22.08.86
STA



0 22.08.86 STA					
	TLS 4000 MK 2				PAGE 2 OF 2
STUDER	INTERFACE AMPEX VPR-6		ESE	SC	1.812.422.20



Rücksaite

Symbol	verlötet	Gegenstand	Norm Nr.	Anzahl
⊕	⊛	Front Pin	1.010. -54	—
X	o	Kontakt Pin	1.010.028-54	695
o	⊚	Dummy Pin	1.010.029-54	112

Werkstoff: Norm-Nr.: / DIN-Bez.: / Abmessung:	Oberfläche: Güte: / Beh.:	Änderung			③ ② ①
Zugehörige Unterlagen: PL	Freimasstoleranz: ±	Maßstab: 2:1	Ausgabe: 14.1.87	A.Ho	⓪
Ersatz für:	Ersetzt durch:		Datum	Gez.	Gepr. Ges. Index
STUDER REGENSDORF ZÜRICH	Benennung: INTERFACE AMPEX VPR-6 ESE		Kopie für:	Nummer: 1.812.422-20	

INC.	PCS.NO.	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	1.812.210.00			Assembly 410-16	St
A....42	1.812.201.00			Assembly 120-52	St
C.....1	59.99.0205	68 nF		-20%, 63V , CER	
C.....2	59.25.3470	47 uF		-10%, 16V , EL	
C.....3	59.99.1200	0.068 uF		10%, 100V , MPETP Quantity: 12	
DL....1	50.04.2107			LED red , 555-2007	Di
DL....2	50.04.2107			LED red , 555-2007	Di
F.....1	51.01.0122	3.15 AT		250V, 5 * 20	
IC...12	50.11.0104			LM 339 AN, UA 339 ,A	
IC...17	50.15.0114			uA 9637	
IC...18	50.05.0227			SN 75 472 P, SN 75 462 JG,	
IC...27	50.15.0115			SN 75176, DS 3695	
IC...28	50.05.0227			SN 75 472 P, SN 75 462 JG,	
IC...41	50.06.0000			SN 74 LS 00 N	
IC...46	50.06.0541			SN 74 LS 541 N	
IC...47	50.06.0540			SN 74 LS 540 N	
IC...48	50.06.0074			SN 74 LS 74 N	
IC...49	50.06.0014			SN 74 LS 14 N	
IC...51	50.06.0163			SN 74 LS 163 AN	
IC...52	50.06.0139			SN 74 LS 139 N	
IC...53	50.16.0107			MC 6803 P-1, HD 6803 P-1 ,A	Mct,Hi
IC...56	50.16.0101			MC 68A50, S 68A50 ,A	Mot,AMI
IC...58	50.16.0114			MC 68A52, HD 68A52 ,A	Mot,Hi
IC...61	50.06.0540			SN 74 LS 540 N	
IC...62	50.06.0540			SN 74 LS 540 N	
IC...63	50.06.0540			SN 74 LS 540 N	
IC...65	50.06.0645			SN 74 LS 645 N	
IC...75	50.06.1573			SN 74ALS 573 N	
IC...76	50.14.0107			HM 6116 LP-4, MSM 5128-12RS ,A	Hi,OKI
IC...78	50.14.0125	see note		HN 27128AG-25, 27128-A ,A	It,Hi

IND.	PCS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	K....31	56.02.1003	5V, 1*A	100V/0.5A, Print	
	L.....1	62.01.0115		Wide Band HF-Choke	
	P.....1	54.01.0354		Card Connector 3 * 32 Euro Wrap	
	RZ....1	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ....2	57.85.4103	8 * 10K	5%, Single Line	
	RZ....3	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ....4	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ....5	57.88.4332	8 * 3.3K	5%, Single Line	
	RZ....6	57.88.4332	8 * 3,3K	5%, Single Line	
	SZ...71	55.01.0168		8 * ON DIL-Switch	
	SZ...72	55.01.0168		8 * ON DIL-Switch	
	SZ...73	55.01.0168		8 * ON DIL-Switch	

Note : Software release 1.812.963.20 (IC 78)

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

MANUFACTURERS : AMI = American Microsystem Inc.
Di = Dialco
Hi = Hitachi
It = Intel
Mot = Motorola
OKI = OKI Semiconductor
St = Studer

CRIG 87/01/08