

Schlumberger

Instruments Division

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Communication Test Set

STABILOCK 4031

Service Manual

Valid for series L188-L488

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CODE LIST OF MANUFACTURERS - HERSTELLERVERZEICHNIS

Actual Code Aktuelle Bezeichg.	Old Code Alte Bez.	Manufacturers Hersteller	Our Suppliers Unsere Lieferanten
AEG		AEG	AEG Telefunken, Arnulfstr. 205, D-8000 München 19
ALB		Albrecht	G. Albrecht, Gartenstr. 8, CH-6331 Hünenberg
ALAN		Alan Industries	microscan GmbH, Schloßgartenweg 1, D-8045 Ismaning
ALLEN		Allen-Bradley	Allen-Bradley GmbH, Kochstr. 49, D-4150 Krefeld
AMD		Advanced Micro Devices	Advanced Micro Devices, Herzog-Heinrich-Str. 3, D-8000 München 2
AMP		AMP Deutschland	AMP Deutschland GmbH, Amperestr. 7-11, D-6070 Lange
AMPH		Amphenol	Amphenol Europa GmbH, Grünwalder Weg 30, D-8024 Deisenhofen
ANAL		Analog Dev.Inc.	Analog Devices GmbH, Mozartstr. 17, D-8000 München
ANZ		anzac	Interelectronic KG, Hochbrückenstr. 10, D-8000 München 2
ASSM		Assmann	Assmann + Söhne, Am Ramsberg 27, D-5880 Lüdenscheid
AUG		Augat	Neumüller GmbH, Eschenstr. 2, D-8021 Taufkirchen
AVAN		Avantek	Telemeter Electronic GmbH, Posthof 4, D-8850 Donauwörth
BECK		Beckman	Beckman Instruments GmbH, Frankfurter Ring 115, D-8000 München 45
BERT		Bertram	Bertram, Planegger Str. 125, D-8000 München 60
BONN		Bonn	Dipl.-Ing. H. Bonn, Mariahilfplatz 2, D-8000 München 90
BOSCH	BO	Bosch	Robert Bosch GmbH, Bregenzer Str. 12, D-7000 Stuttgart-Feuerbach
BOUR		Bourrghs	A. Neye-Enatechnik GmbH, Maria-Theresia-Str. 6 D-8000 München 80
BUR		Burster	B.Präzisionstechnik Hubert Burster, Talstrasse 7, D-7562 Gernsbach
CAN		Cannon	Cannon Electric GmbH, Poststr.17, D-7056 Weinstadt
C-ASS		Circuit-Assembly Corp. (CA)	Seltronics GmbH, Hermannstr. 4, D-8014 Neubiberg
CELD		Celduc	Componenta, Rudolf-Diesel-Str.18, D-8012 Ottobrunn
CHERRY		Cherry	Cherry-Mikroschalter GmbH, Postfach 2340, D-8580 Bayreuth 2
CIRC		Circuit Assembly	Neumüller GmbH, Eschenstr. 2, D-8021 Taufkirchen
CLAB		Centralab	Bodamer GmbH, Südl. Münchner Str. 24 a, D-8022 Grünwald
CLAIR		Clairex Electron.	Ginsbury Electronic GmbH, Ahornstr. 10, D-8012 Ottobrunn
COM		Comatel	Comatel GmbH, Würbenthalerstr.2, D-7032 Sindelfingen
CONT		Contraves	Contraves, Schaffhausener Str.580, CH-8034 Zürich
CORC		Corcom	Tekelec-Airtronic GmbH, Nussbaumstr. 4, D-8000 München 2
COY		Mc Coy	Ginsbury Electronic GmbH, Ahornstr. 10, D-8012 Ottobrunn
CSF		Thomson CSF	Thomson CSF GmbH, Fallstr. 42, D-8000 München 70
CTS	KNI	CTS Knights Inc.	CTS Knights Inc., Sandwich, Illinois 60548, U.S.A.
DALE		Dale	Dale Electronics GmbH, Falkweg 51, D-8000 München 60
DEC		Digital Equipment	Digital Equipment, Arabellastr. 30, D-8000 München 81
DELE		Delevan	Amphenol Europa GmbH, Grünwalder Weg 30, D-8024 Deisenhofen
DIEL		Dielektra	Dielektra AG, Kaiserstr. 127, D-5050 Porz

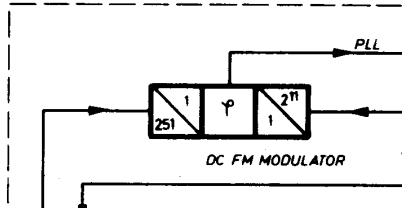
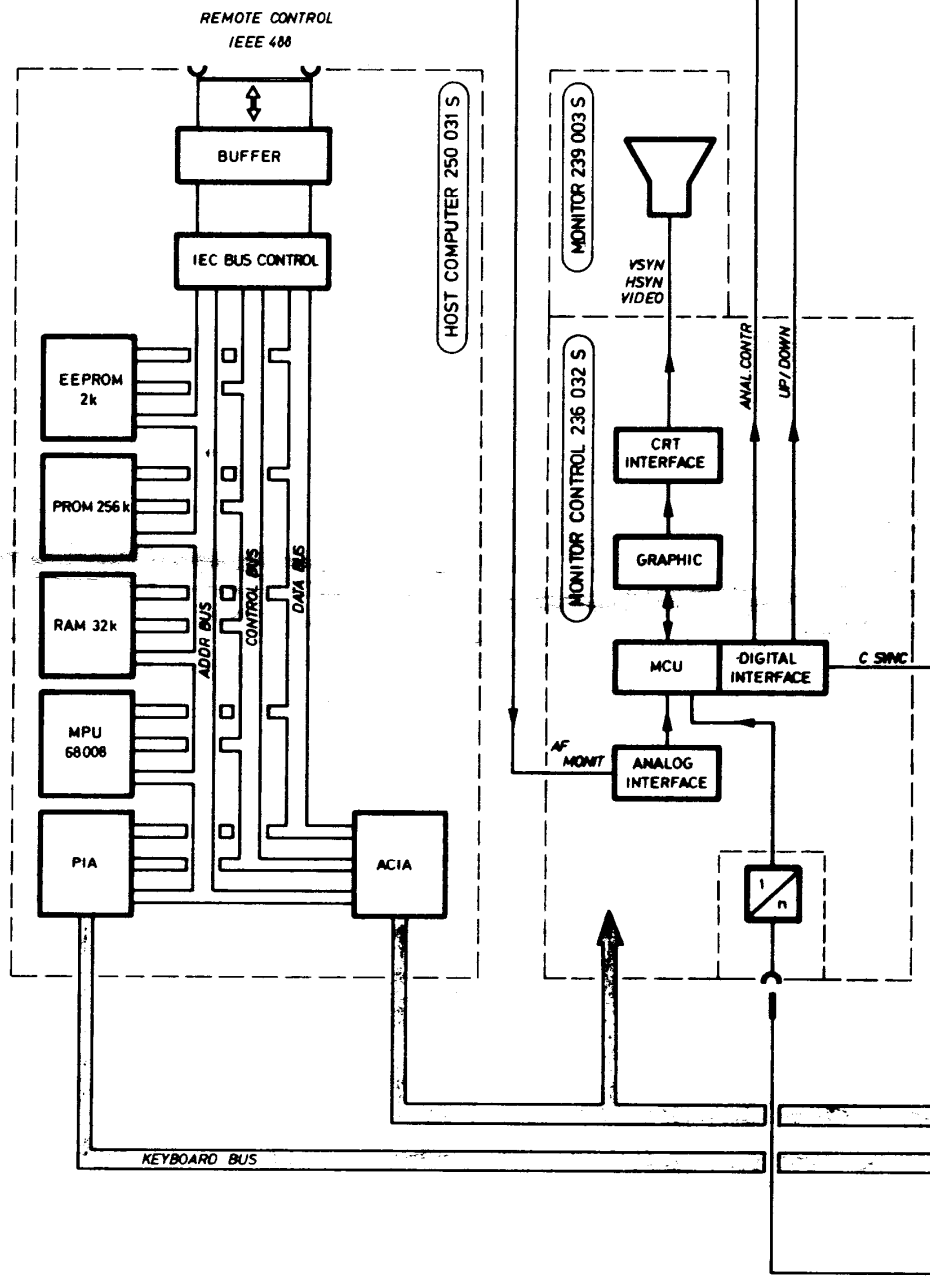
Actual Code Aktuelle Bezeichg.	Old Code Alte Bez.	Manufacturers Hersteller	Our Suppliers Unsere Lieferanten
DITRA		Ditratherm	Ernst Roederstein, Ludmillastr. 23/25, D-8300 Landshut
DRAL	DRALOR	Draloric (former Dralowid)	Draloric Electronic GmbH, Postfach 1180, D-8672 Selb (resistors, capacitors) Draloric, Kaiserstr.21, D-5050 Porz (potentiom.)
DUNK		Dunker	Christian Dunker, Postfach 13, D-7823 Bonndorf
EBB		EBB	EBB, Körnerstr. 19-21, D-1000 Berlin 30
EBE		Elektro-Bauelem.	EBE Elektro-Bauelemente GmbH, D-7021 Stetten/Filder
ECI		MECA	Electronic Components + Instruments, Oskar- Maria-Graf-Ring 17, D-8000 München 83
EDAK		EDAK	EDAK Metall,-Geräte u. Apparatebau, Postfach, CH-8201 Schaffhausen
EDI		Electronic Devices Inc.	Indeg GmbH, Kemmatenstr. 66, D-8000 München 19
EHW		E.H.W.	Elektro- Heiz- u. Widerstands-GmbH, D-5750 Minden/Sauerland
ELCO		Elco	Deutsche Elco GmbH, Alter Weg 1, D-5241 Nieder- dreisbach
ELEC		Electronic GmbH	Electronic GmbH, Münchner Str.51, D-8025 Unterhaching
ELF		elfein	E.Sommer Elektronik GmbH, Jahnstr. 43, D-6000 Frankfurt/Main
ELMA		ELMA Electronic	ELMA Electronic AG, Am Schönaich, CH-8620 Wetzikon
EMC		EMC Technology	E. Parzich, Karwendelstr. 8, D-8911 Pürgen
ERIE		ERIE	ERIE Elektronik GmbH, Postfach 20, D-8500 Nürnberg 52
ERNI		ERNI	ERNI-Elektroapparate, Seestr.9, D-7321 Adelberg
ETTING		Ettinger	E.Ettinger, Florian-Geyer-Str.1, D-8000 München 70
FAIR		Fairchild	Electronic 2000 Vertriebs-GmbH, Neumarkter Str.75, D-8000 München 80
FAUL		Faulhaber	Dr. F.Faulhaber, Postfach 46, D-7036 Schönaich
FERN		dto. -->	Fernsteuergeräte Kurt Oelsch KG, Jahnstr. 68-72, D-1000 Berlin 11
FISCH		Fischer Elektron.	Fischer Elektronik oHG, Postfach 2304, D-5880 Lüdenscheid
FRÖ		Frötherm	Frötherm, Glonnerstr. 12, D-8011 Oberpframmern
GARD		Gardners Transf.	Gardners Transformers Ltd. Christchurch/Hampshire BH 23/3 PN, England
GENRAD G + H	GERA	General Radio Grote + Hartmann	General Radio Comp., Helenastr.3, CH-8034 Zürich Grote + Hartmann, Otto-Hahn-Str. 7, D-5600 Wuppertal 21
GHIEL GI	GEIN	Ghielmetti General Instrum.	Ghielmetti GmbH, Siemensstr.5, D-6392 Neu-Anspach 1 General Instrument Deutschland GmbH, Neumarkter Str. 61, D-8000 München 80
GOSS GOW		Gossen Gowanda	Gossen GmbH, Nägelsbachstr. 25, D-8520 Erlangen A. Roßmann electronic-Vertrieb, Keltenstr. 13, D-8911 Windach
GRU GRUN GÜN		Grundmann Gruner Günther	H. Grundmann, Strassbergerstr. 28, D-8000 München 40 W.Gruner KG, Postfach 16, D-7209 Wehingen W. Günther GmbH, Postfach 740, D-8500 Nürnberg 1
HAM		Hamlin	Amphenol Europa GmbH, Grünwalder Weg 30, D-8024 Deisenhofen
HAR		Harris	Kontron Elektronik GmbH, Breslauer Str. 2, D-8057 Eching
HARM		Hartmann	Eduard Hartmann, D-7061 Schornbach

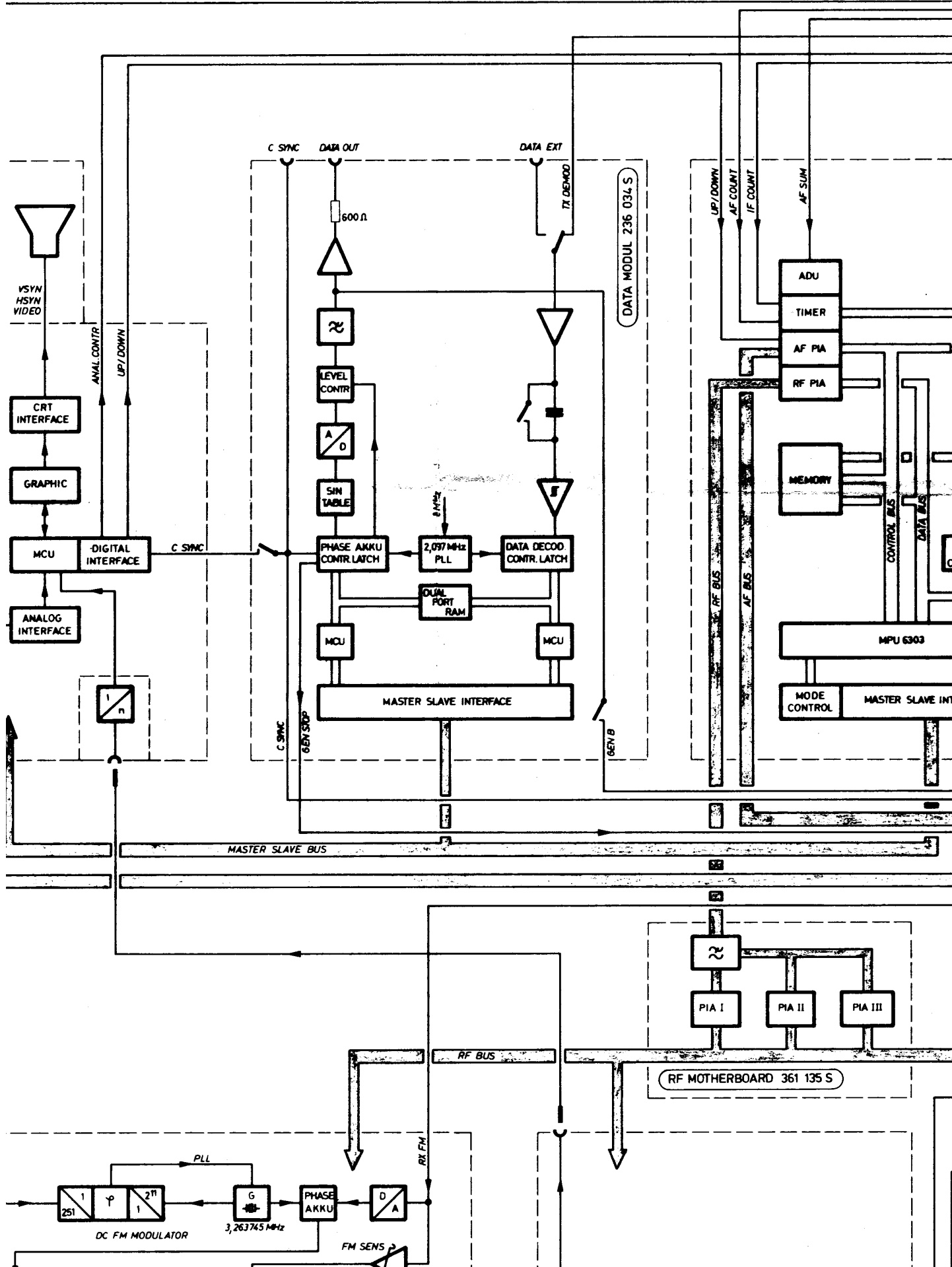
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HART H + B	HABR	Harting Hartmann + Braun	W. Harting, Postfach 106, D-4992 Espelkamp-Mittwald Hartmann u. Braun AG, Seeligerstr. 10, D-8000 München 81
HEIL HELL HERM HIR HOLZ		Otto Heil oHG Hellermann (Hermeyer) Hirschmann Holzinger	Otto Heil oHG, Postfach 446, D-6370 Oberursel P.Hellermann GmbH, Siemensstr.5, D-2080 Pinneberg no more existing/nicht mehr existent(see Günther) R.Hirschmann, Ottilienstr.19, D-7300 Esslingen Max Holzinger + Co. GmbH, Woelkestr. 4, D-8069 Schweitenkirchen
HP	HEPA	Hewlett Packard	Hewlett Packard, Berliner Str. 117, D-6000 Frankfurt-Niedereschbach 56
HUG HYBRID		Hughes Hybrid Systems C.	Hughes, Riverton, New Jersey, U.S.A. Hybrid GmbH, Luisenplatz 4, D-6100 Darmstadt
INDEG INTER INTERS ISO ITT		Indeg Intertec Intersil Isophon Intermetall(diode) (switches)	Indeg GmbH, Kemnatenstr. 66, D-8000 München 19 Kontron Elektr.GmbH, Breslauerstr.2,D-8057 Eching Spezial-Electronic, Ortlerstr.8, D-8000 München 70 Radio Rim, Bayerstr. 25, D-8000 München 2 Intermetall GmbH, Postfach 840, D-7800 Freiburg Intermetall Gmbn, Postfach 2907,D-8500 Nürnberg 1
JAHRE JAU JEAN JERM	JAHR	Jahre Jautz Jeanrenaud Jermyn	Richard Jahre, Lützowstr. 90, D-1000 Berlin 30 Karl Jautz, Urbanstr. 34, D-7310 Plochingen Usine Jeanrenaud, 42 Ave. de Gray, F-39 Dôle Jermyn-Industries, Schulstr.36, D-6277 Camberg
KIE KLAR		Kienzle Klar+Beilschmidt	Kienzle GmbH, Führichstr. 70, D-8000 München 80 Klar u. Beilschmidt, Landshuter Str. 52, D-8300 Landshut
KLAS		Klasing	Hermann Klasing u. Co., Ettinger Str. 36, D-8070 Ingolstadt see CTS
KNI KNITT KNÜRR KOCH KORD KROM		Knitter Knürr Koch Kordes Kromberg u. Schubert	knitter-switch, Postfach 8, D-8011 Baldham Knürr KG, Ampfingstr. 27, D-8000 München 80 Koch Elektronik KG, Postfach 1350,D-3257 Springe 1 Norbert Kordes, Elektr.Fabrik, D-3419 Sohlingen Kromberg u. Schubert, Postfach 220 206, 5600 Wuppertal-Langerfeld
KVG	KVN	Kristall-Verarb.	Kristallverarbeitung GmbH, Postfach 7, D-6924 Neckarbischofsheim
LAM LEON		Lambda Leonische Drahtw.	Astronic, Winzererstr. 47 d, D-8000 München 40 Leonische Drahtwerte AG, Marienstr. 7, D-8500 Nürnberg
LITRON LORCH		Litronix Lorch	Omni-Ray GmbH, Ritzbruch 41, D-4054 Nettetal 1 Auriema Distribution GmbH, Uhdestr. 33, D-7100 Heilbronn
LUMB		Lumberg	Karl Lumberg KG, Postfach 1170,D-5885 Schalkmühle 1
MACH MARQ MA SCHUH		Machate Marquardt Magnet-Schultz	Ing.J. Machate, Asslkofenerstr.32, D-8017 Ebersberg Marquardt KG, Schalterfabrik, D-7201 Rietheim Magnet-Schultz GmbH, Postfach 1940, D-8940 Memmingen
MATSU		Matsushita Elec. Works Ltd.	SDS Elektro GmbH, Fichtenstr.5, D-8024 Deisenhofen
MATSUO		Matsuo	Spezial-Electronic, Hermann-Lingg Str. 16, D-8000 München 2

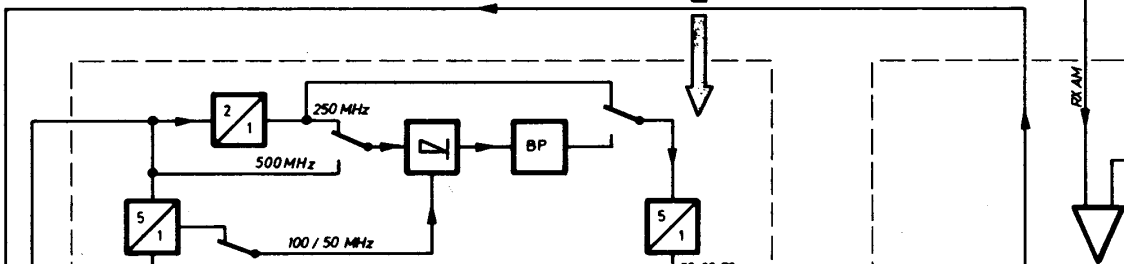
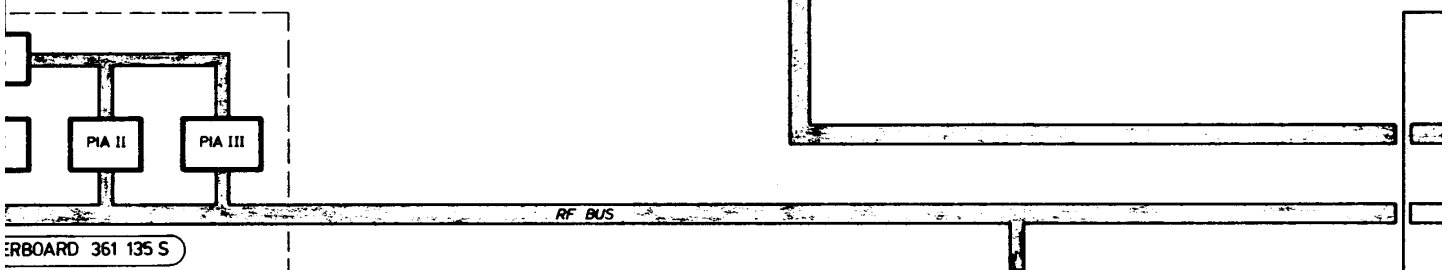
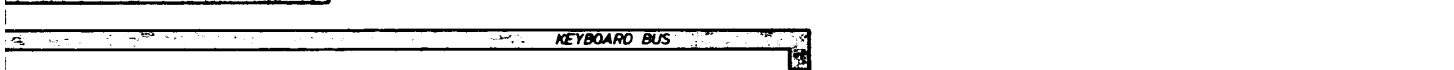
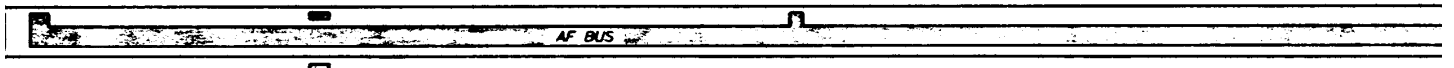
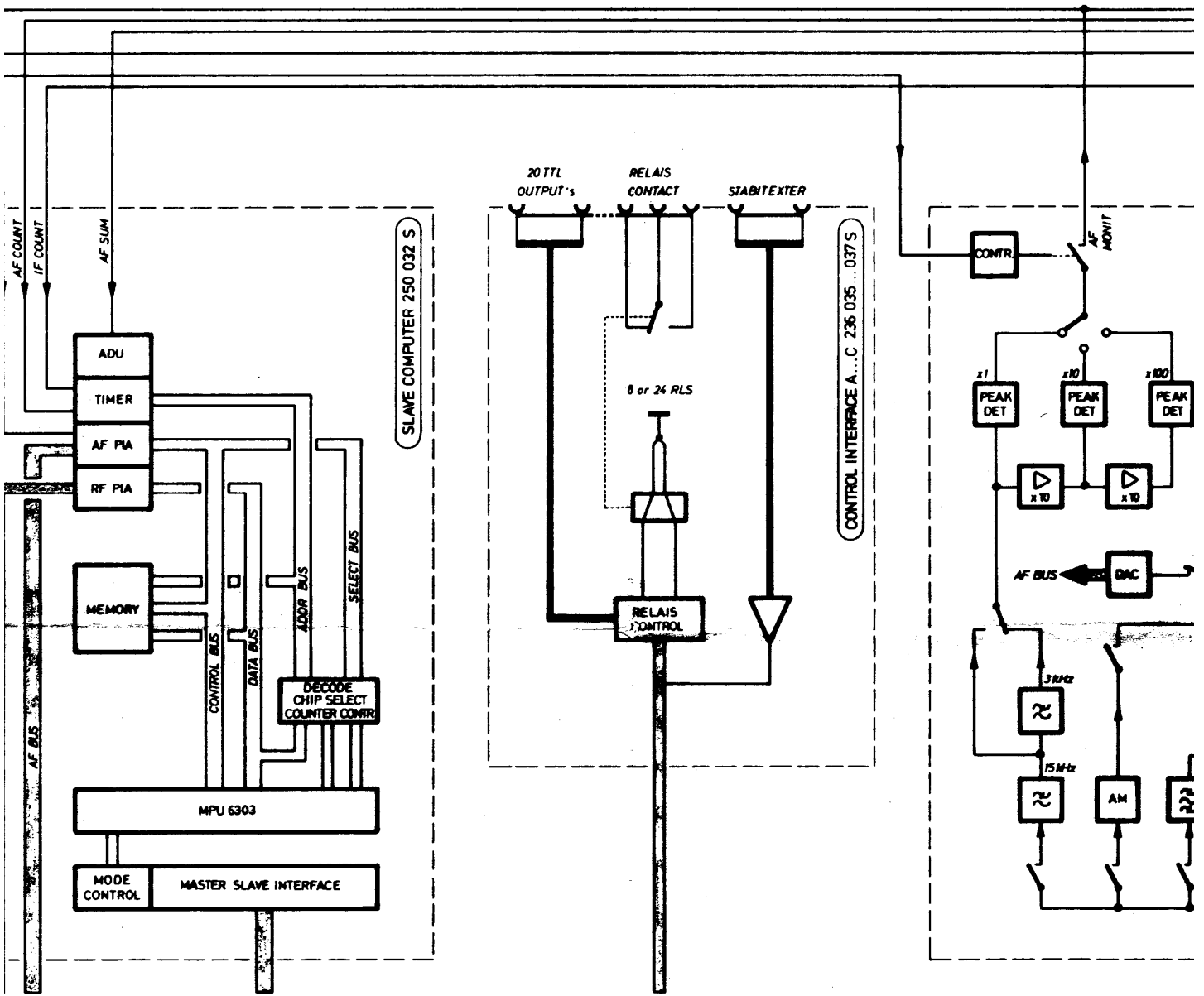
Actual Code Aktuelle Bezeichg.	Old Code Alte Bez.	Manufacturers Hersteller	Our Suppliers Unsere Lieferanten
MCL		Mini Circuits Lab.	Industrial Electronics GmbH, Klüberstr. 14, D-6000 Frankfurt/Main
MCMU		McMurdo Instr.Ltd.	The McMurdo Instruments Ltd., Ashtead, Surrey, England
MECA		MECA	ECI GmbH, Hochbrückenstr. 10, D-8000 München 2
MEGA		Megatron	Megatron EK, Hermann-Oberth-Str.7,D-8011 Putzbrunn
MEM		MEM microelectron.	Unilab Electronics, Hermann-Oberth-Str.7, "
MEN		Mentor	Mentor, Ing.Dr. Paul Mozar, Postfach 15, D-4006 Erkrath-Unterbach
MENZ		Menzel	Dr. Oscar Menzel Nachf., Kronwinklerstr. 36, D-8000 München 60
METRO		Metrofunk	Metrofunk, Schmidt-Ott-Str.5a,D-1000 Berlin 41
MIAL		MIAL	MIAL Elektro.Bauelemente GmbH, Landbergerstr.20, D-8000 München 2
MIC		Micro Associates	Micro Associates Ltd., Cradeck Road, Luton/ Bedfordshire, England
MICRO		Micropac	Nucletron GmbH, Gärtnerstr.60,D-8000 München 50
MILT		Milton	Milton Ross Co. Ltd., 14 New Road Warford, Herfordshire, England
MINL		Minleit	Minleit GmbH, Haagenerstr. 20, D-7850 Lörrach
MON		Monsanto	Alfred Neye-Enatechnik, Schillerstr. 14, D-2085 Quickborn
MONOL		Monolithic Memories	Neumüller GmbH, Eschenstr.2, D-8021 Taufkirchen
MOT		Motorola	Motorola Semiconductor Prod. Inc., Phoenix Arizona 85008, U.S.A. or: Motorola Halbleiter GmbH, Fiedlerstr. 5, D-8000 München 71
NARDA		Narda Microwave	Rohde + Schwarz GmbH, Mühldorfstr. 15, D-8000 München 80
NARD		Nardeux	Nardeux, Bôte Postale No. 109, F-37600 Loches
NEC		NEC	Microscan GmbH, Schlossgartenweg 1, D-8045 Ismaning
NEO		Neosid	Neosid-Pemetzrieder GmbH, Langenscheider Weg 26, D-5894 Halver
NEUB		Neuberger	Josef Neuberger Messinstrumente KG, Steinerstr.16, D-8000 München 70
NIEB		Niebling	Niebling, Seeshaupterstr. 56, D-8122 Penzberg
NS	NASEM	National Semicond.	Sasco GmbH, Hermann-Oberth-Str. 16, D-8011 Putzbrunn or: Neumüller GmbH, Eschenstr. 2, D-8021 Taufkirchen
OHMIC		Ohmic Bourns	Bourns AG, Eberhardstr. 63, D-7000 Stuttgart 5
OPCOA		Opcoa	Neumüller GmbH, Eschenstr. 2, D-8021 Taufkirchen
PAND		Panduit	Panduit GmbH, Postfach 1923, D-6380 Bad Homburg 6
PAPST		Papst	Papst Motoren KG, Postfach 35,D-7742 St.Georgen
PHIL		Philips	Philips, Röntgenstr. 22, D-2000 Hamburg 63
PIEZO		Piezo Technology	Ginsburg Electronic GmbH, Ahornstr. 10, D-8012 Ottobrunn
PLES		Plessey	Plessey GmbH, Altheimer Eck 10, D-8000 München 2
PREH		Preh	Preh Vertriebs-GmbH, Postfach 1540, D-8740 Bad Neustadt
QUAK		Quarzkeramik	Quarzkeramik GmbH, Gautinger Str. 23, D-8031 Stockdorf
QUAT		Quarztechnik	Quarztechnik Willi Müller, Metzener Str. 24-26, D-5568 Daun

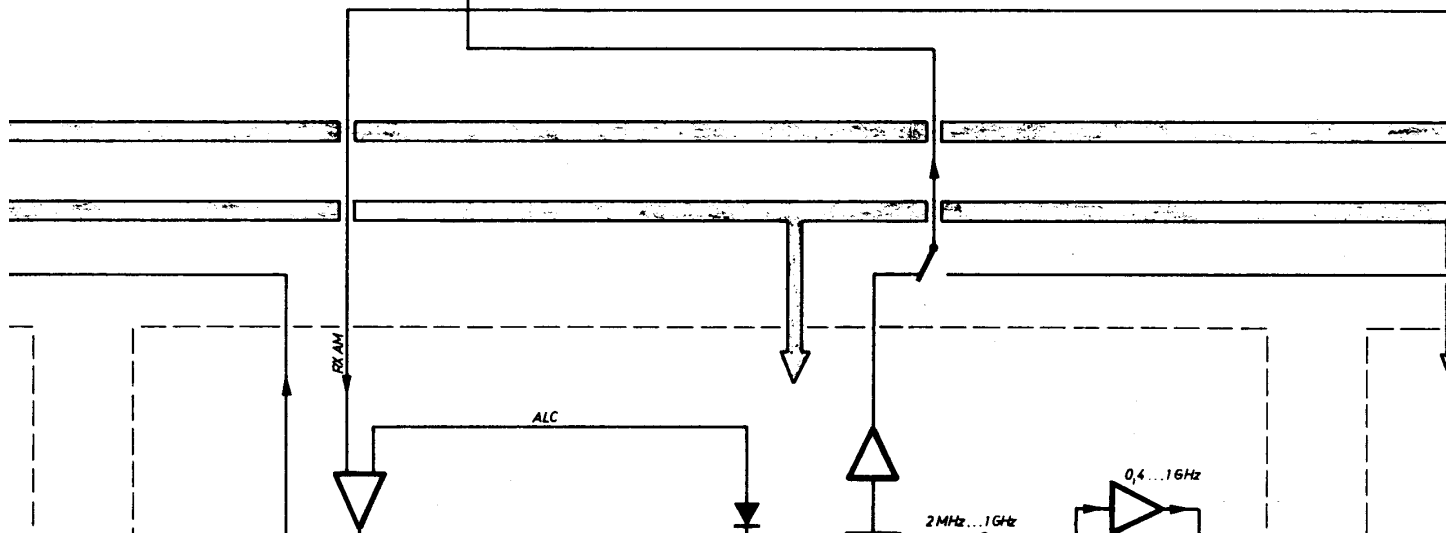
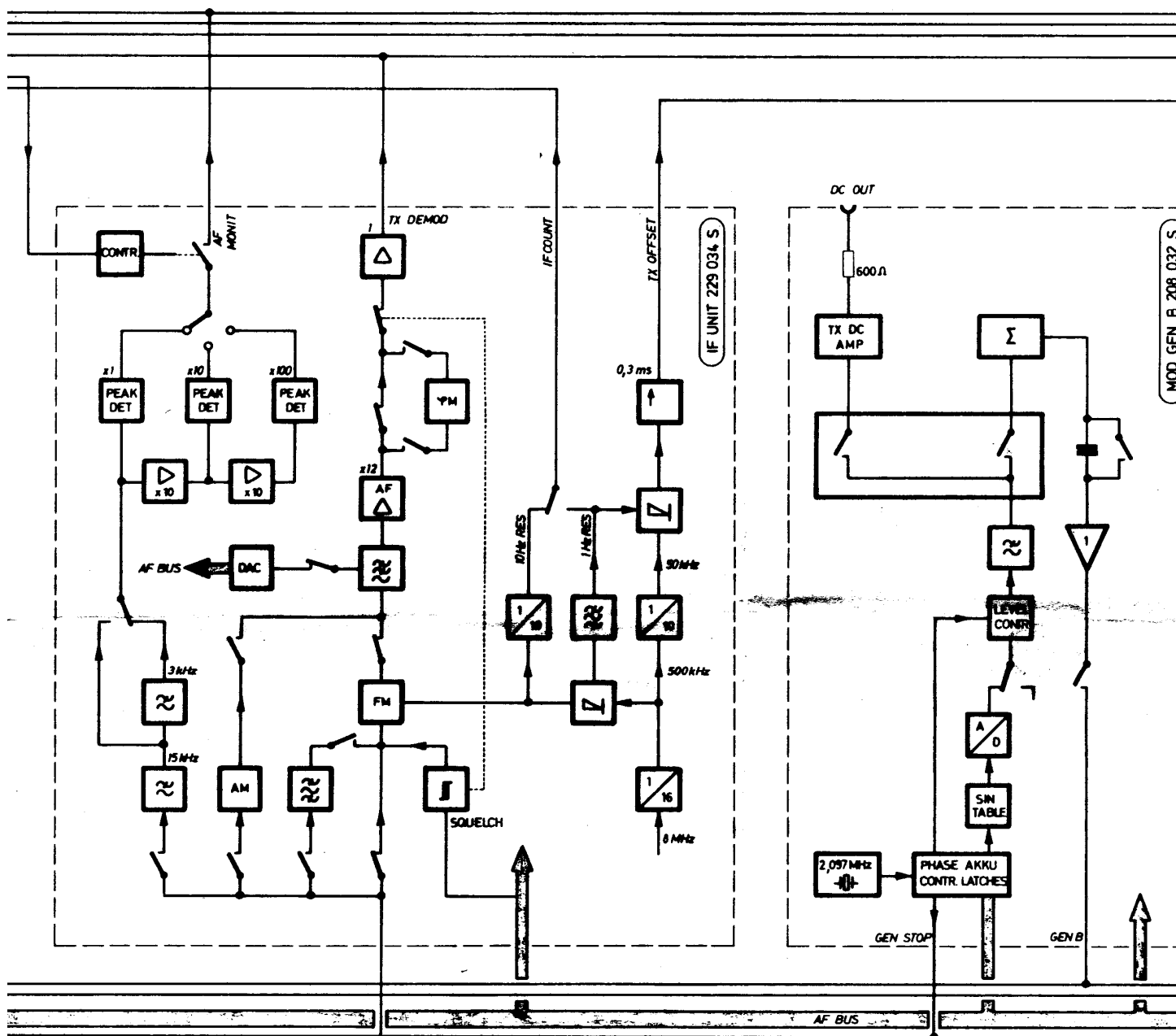
Actual Code Aktuelle Bezeichg.	Old Code Alte Bez.	Manufacturers Hersteller	Our Suppliers Unsere Lieferanten
RAFI		Rafi	Rafi GmbH + Co. Raimund Finsterhölzl, Postfach 2060, D-7980 Ravensburg
RAYT		Raytheon	PAN Electronic, Schlesierstr.4, D-8021 Taufkirchen
RCA		Radio Corp.of Amer.	Radio Corp.of America, Harrison, N.J.07029, USA
REFE		Rhein.Feindraht...	Rheinische Feindraht Industrie Dr.Ing. Schildbach, D-5281 Eckenhausen
REI		Reliability	Tisco GmbH, Arabellastr. 13-15, D-8000 München 81
RELIC		Relcom	Watkins Johnson International, Münchnerstr. 17, D-8031 Planegg
RES		Resista	Resista GmbH, Ludmillastr. 23-25, D-8300 Landshut
RIG		(Rosenthal-Isolatoren)	no longer existing, existiert nicht mehr
RUF	RUW	Ruf oHG	Now: Draloric Electronic GmbH, Postfach 1180, D-8672 Selb Sasco GmbH, Hermann-Oberth-Str. 16, D-8011 Putzbrunn or: Ruf oHG, D-8011 Höhenkirchen
RUS		Ruhstraht	Ruhstrat KG, D-3401 Lenglern
RYA		Ryam	ELMA Electronic AG, Am Schönaich, CH-8620 Wetzikon
SACO		Sasco	Sasco GmbH, Hermann-Oberth-Str. 16, D-8011 Putzbrunn
SASS		Sasse	Dr. E. Sasse KG, Mühlenstr. 4, D-8540 Schwabach
SCHB		Schalbau	Schalbau GmbH, Hohenwaldeckstr. 1, D-8000 München 90
SCHL		Schlumberger	Schlumberger Meßgeräte GmbH, Ingolstädter Str. 67a D-8000 München 46
SCHÖ		Schöllner	Schöllner + Co., Dreieichstr.6, D-6082 Mörfelden
SCHU		Schurter	H. Schurter AG, Werkhofstr. 8, CH-6002 Luzern
SCI		Semicond.Circuits	Astronic, Winzererstr. 47 d, D-8000 München 40
SCOTCH			see 3M
SDS		SDS	SDS-Elektro-GmbH, Fichtenstr.5, D-8024 Deisenhofen
SE		Spezial-Electronic	SE Spezial-Electronic KG, Oberauer Str. 15, D-8000 München 70
SEL	SAF	SEL	SEL-Kontakt-Bauelemente, Postfach 2907, D-8500 Nürnberg 2
SEMI		Semicon	Semicon International, Siegmundstr. 200, D-8500 Nürnberg 113
SGS		SGS	SGS Deutschland, Postfach 1269, D-8090 Wasserburg
SIG		Signetics	Valvo GmbH, Postfach 106 323, D-2000 Hamburg 1
SILI		Siliconix	Siliconix, Postfach 1340, D 7024 Bernhausen
SILIC		Silicon General	Neumüller GmbH, Eschenstr. 2, D-8021 Taufkirchen
SIV		Sivers Lab.	Philips, Röntgenstr. 22, D-2000 Hamburg 63
SOCA		Socapex	Thomson CSF GmbH, Fallstr.42, D-8000 München 70
SOLIT		Solitron	Neumüller GmbH, Eschenstr. 2, D-8021 Taufkirchen
SONN		Sonnenschein	Sonnenschein GmbH, Postfach 1180, D-6470 Büdingen-Tiergarten
SOUR		Sourian	Sourian Elektronik GmbH, Heinrich-Hertz-Str. 1, D-4006 Erkrath-Unterbach
S u. H		Siemens u. Halske	Siemens AG, Richard-Strauss-Str. 76, D-8000 München 80
STEA		(Steatit-Magnesia)	no more existing/existiert nicht mehr
STET		Stettner	Now: Draloric, Kaiserstr. 21, D-5050 Porz
STGR		Standard grigsby	Stettner u. Co., Hersbrucker Str. 22, D-8560 Lauf
STO		Stocko	W. Günther GmbH, Postfach 740, D-8500 Nürnberg 1 Stocko Metallwarenfabrik, Postfach 81, D-5600 Wuppertal-Elberfeld
SUHN		Suhner	Suhner u. Co. AG, CH-9100 Herisau
SYL		(Synvania GmbH)	Suhner GmbH, Postfach 900 660, D-8000 München 90
SYN		Synertek	no more existing/existiert nicht mehr Astronic, Winzererstr. 47 d, D-8000 München 40

Actual Code Aktuelle Bezeichg.	Old Code Alte Bez.	Manufacturers Hersteller	Our Suppliers Unsere Lieferanten
TECK TEK TEKE		Teckentrup Tektronix Tekelec	Teckentrup KG, Wilhelmstr.28,D-5970 Plettenberg 1 Rohde + Schwarz, Mühldorfstr.15,D-8000 München 80 Tekelec Airtronic GmbH, Nussbaumstr. 4, D-8000 München 2
TELC		telcom	telcom-funksysteme GmbH, Marktstr. 15, D-7540 Neuenburg 1
TELED TELEM		Teledyne Philbrick Telemeter	Teledyne Philbrick, Burgstr.6-8,D-6200 Wiesbaden Telemeter Electronic GmbH, Posthof 4, D-8850 Donauwörth
TELEQ		Telequarz	Telequarz GmbH, Landstr.13, D-6924 Neckarbischofsheim 2
TELON		Telonic Industries	Telonic Industries GmbH, Alte Heerstr. 91, D-5400 Koblenz
TEXSC TF THERM TI	TELE TEX	Texscan Telefunken Thermalloy Texas Instruments	Texscan GmbH, Peschelanger 11,D-8000 München 83 Telefunken AG, Widenmayerstr. 19, " " 22 Neumüller GmbH, Eschenstr. 2, D-8021 Taufkirchen Texas Instruments Inc., P.O. Box 5012, Dallas, Texas 75222, U.S.A.
TOYCO TRA TRANSIT TRON TUCH		Toyco Traub Transitron Tronser	Grenz + Co.KG, Bülowstr. 27, D-8000 München 80 J. Traub oHG, St.Pauls-Platz 7,D-8000 München 2 PAN-Electronic, Schlesierstr.4,D-8021 Taufkirchen A.Tronser Apparatebau GmbH, D-7543 Engelsbrand 1 see Amphenol
VAC VAL VAR	VACU	Vacuumschmelze Valvo Varta	Vacuumschmelze GmbH,Postfach 109, D-6450 Hanau Valvo GmbH, Burchardstr. 19, D-2000 Hamburg 1 Varta GmbH, Nymphenburger Str. 128, D-8000 München 19
VARO VATE		Varo Vakuumtechnik	Indeg GmbH, Kemnatenstr. 66, D-8000 München 19 Vakuumtechnik GmbH, Fliessbachstr. 16, D-8520 Erlangen
VID		Videon	S.A.Videon, 95 rue d'Agnesseau,F-92 Boulogne sur Seine
VIT		Vitrohm	Deutsche Vitrohm GmbH + Co.KG, Siemensstr. 7-9 D-2080 Pinneberg
VOGT		Vogt	Vogt GmbH + Co.KG, D-8391 Erlau
WAKE		Wakefield	Wakefield Eng. Inc., Delta Division, Wakefield, Mass. 01880, U.S.A.
WEIG		Weigand	Weigand GmbH, Mittlere Schulstr. 4, D-8520 Erlangen
WEIN		Weinschel	Kontron Elektronik GmbH, Breslauerstr. 2, D-8057 Eching
WEST		Weston Instr.	Weston Instruments Inc., 614 Frelinghuysen Ave. Newark, N.J. 07114, U.S.A.
WJ WICK		Watkins-Jonson Wickmann	Watkins-Jonson. Manzinger Weg 7,D-8000 München 60 Componenta GmbH, Rudolf Diesel Str. 18, D-8012 Ottobrunn
ZELT		Zeltex	Knott Electronic GmbH, Benediktstr.1, D-8021 Hohenschäftlarn
ZENTRO		Zentro	Zentro Elektronik GmbH KG, Sandweg 20, D-7530 Pforzheim
3 M	SCOTCH	Minnesota Mining Manufacturing	Minnesota Mining Manuf. GmbH, Denningerstr. 25, D-8000 München 81

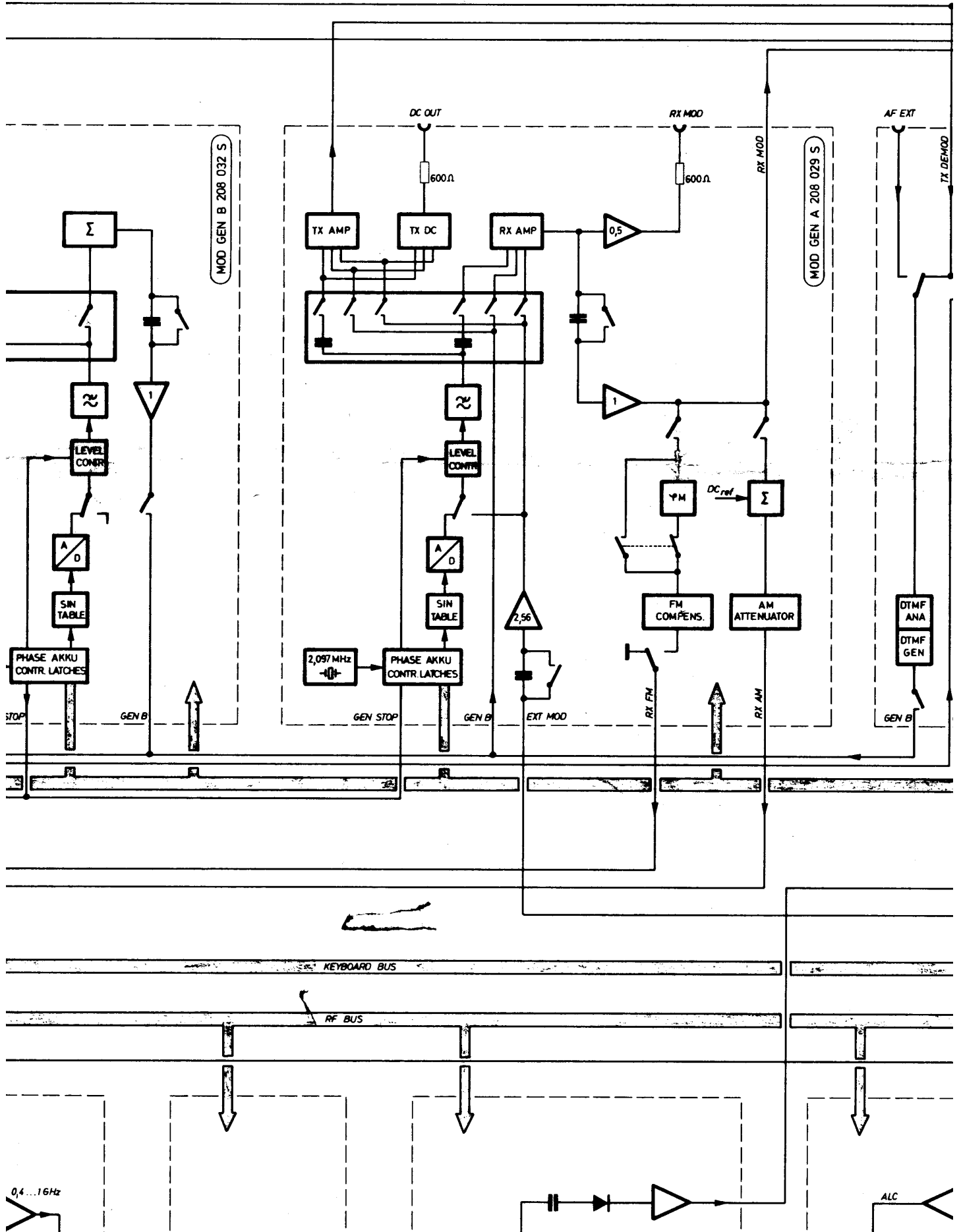


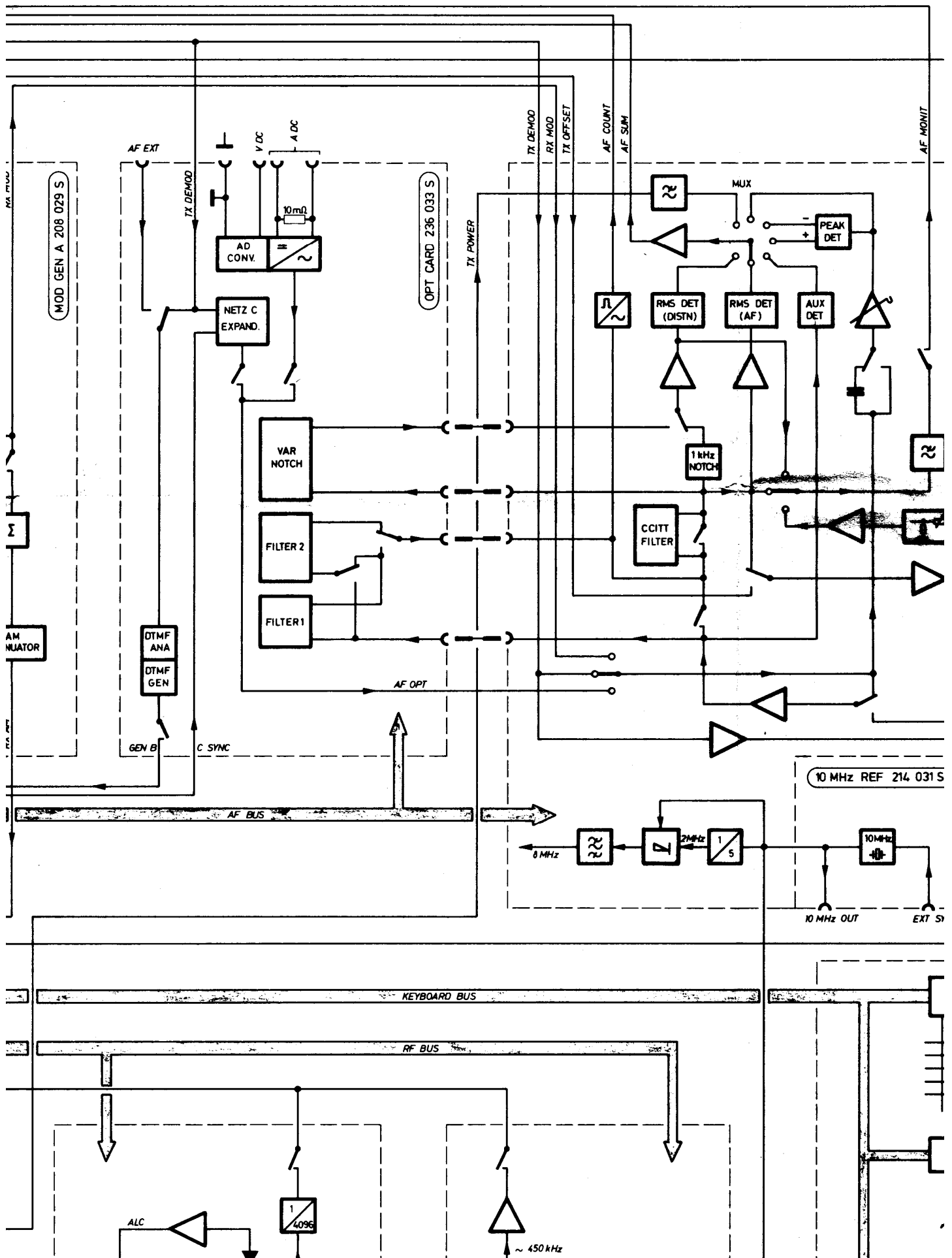


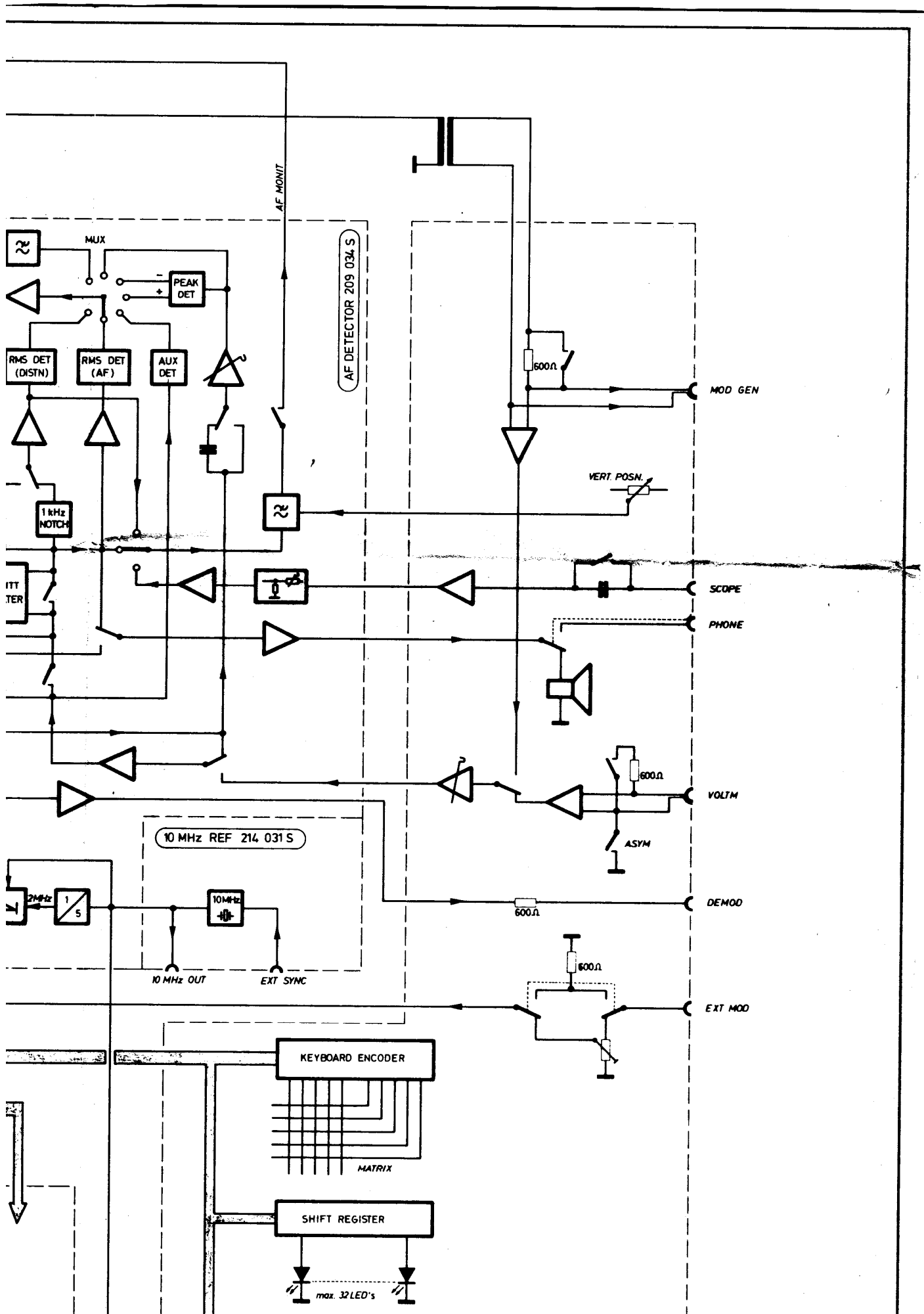


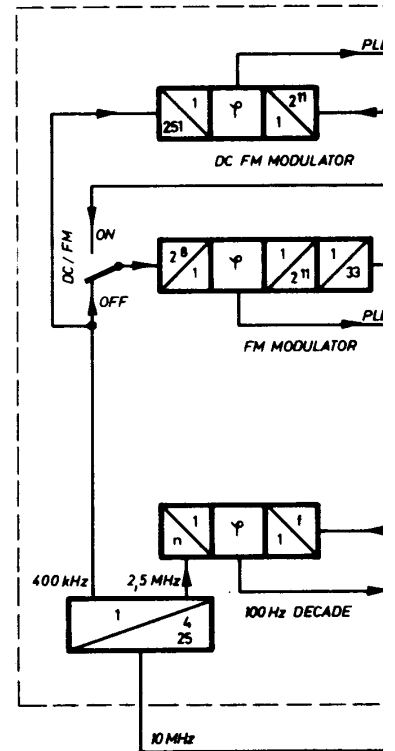
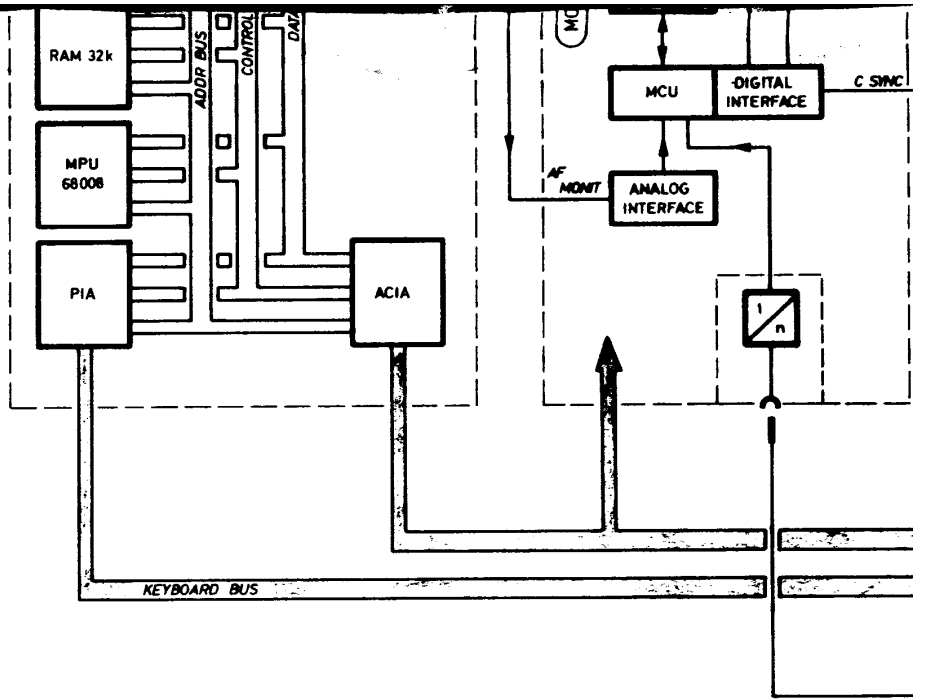


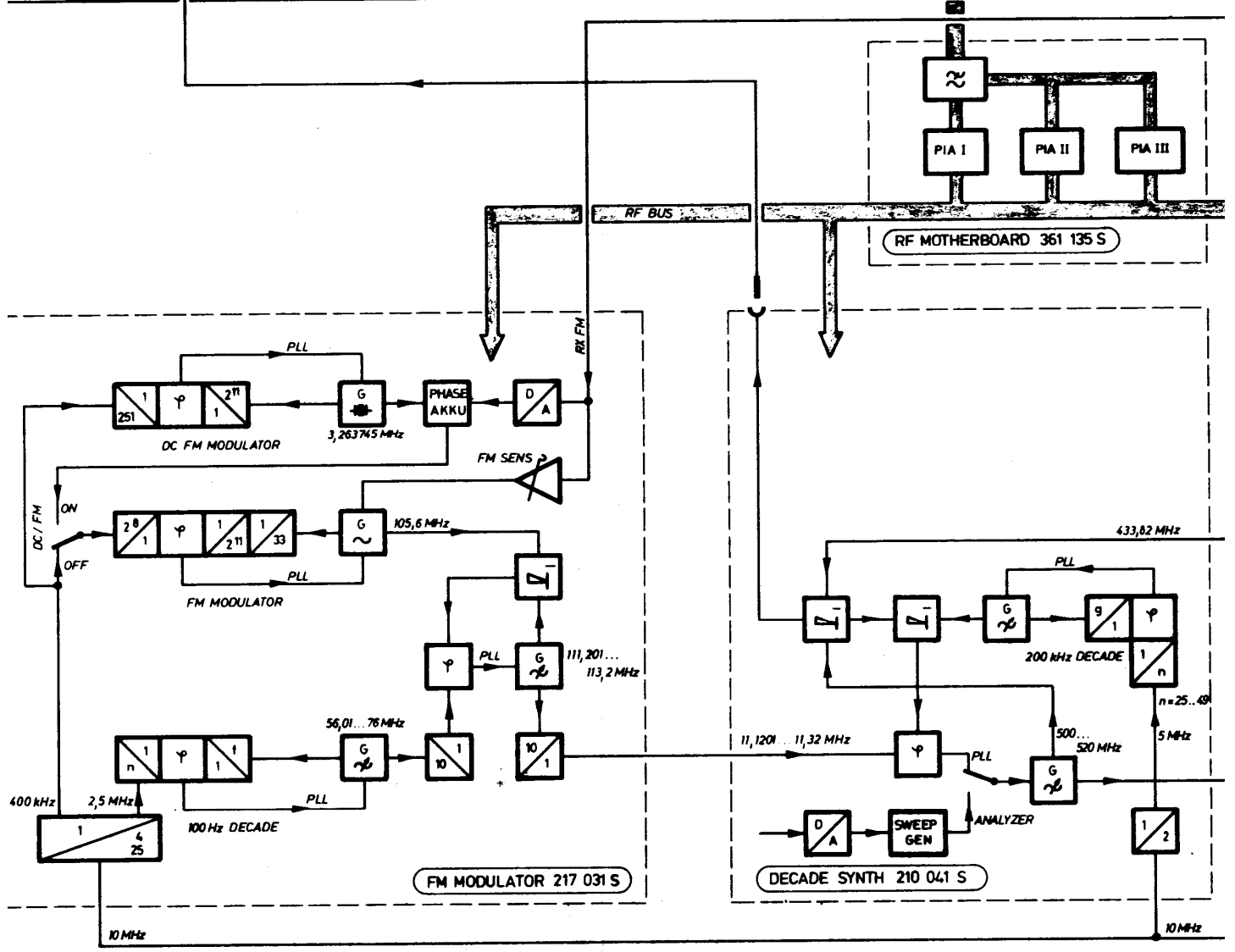
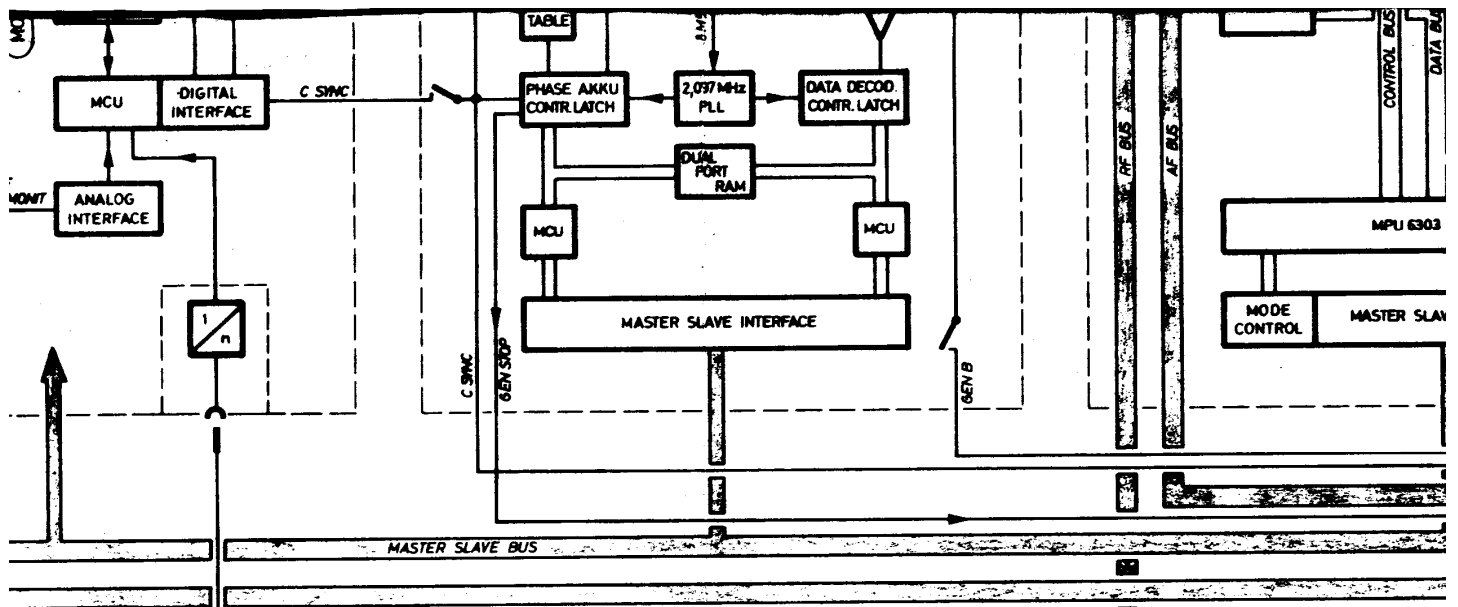
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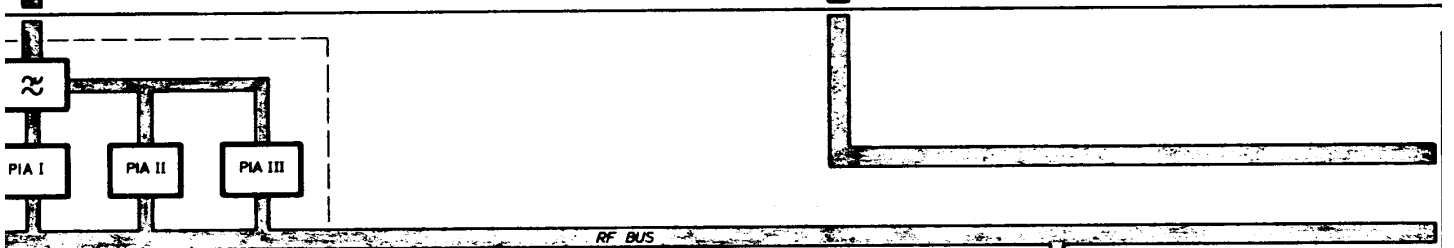
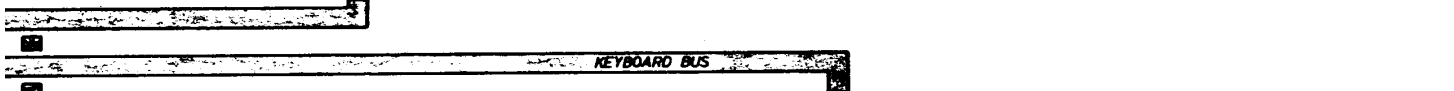
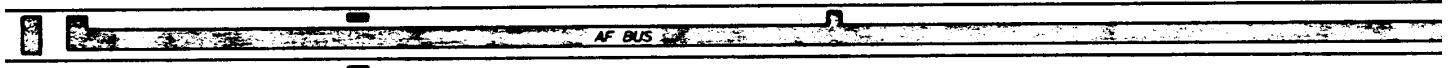
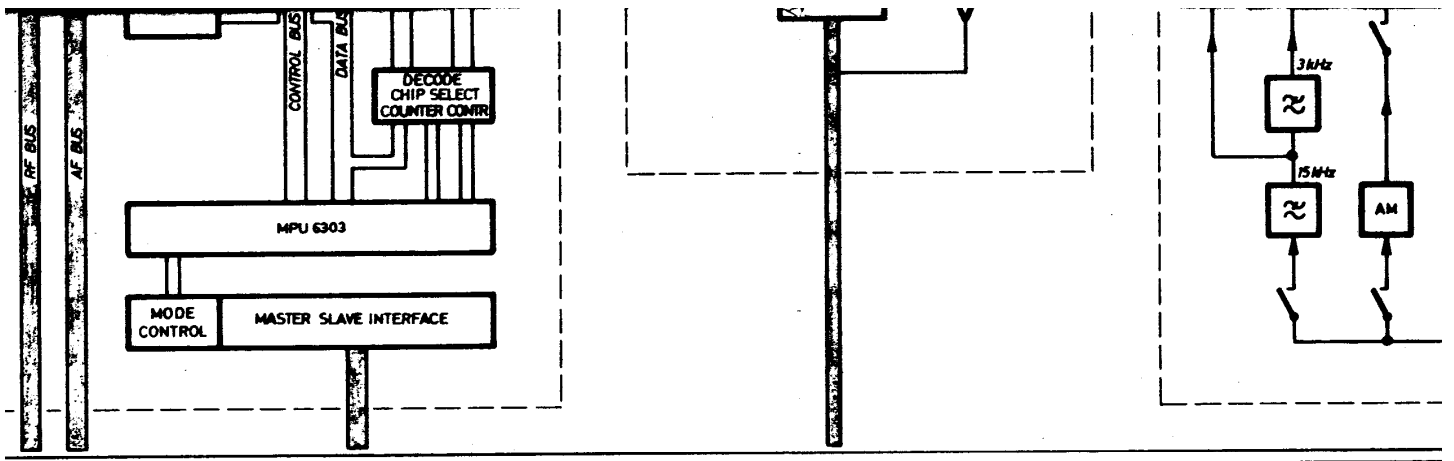




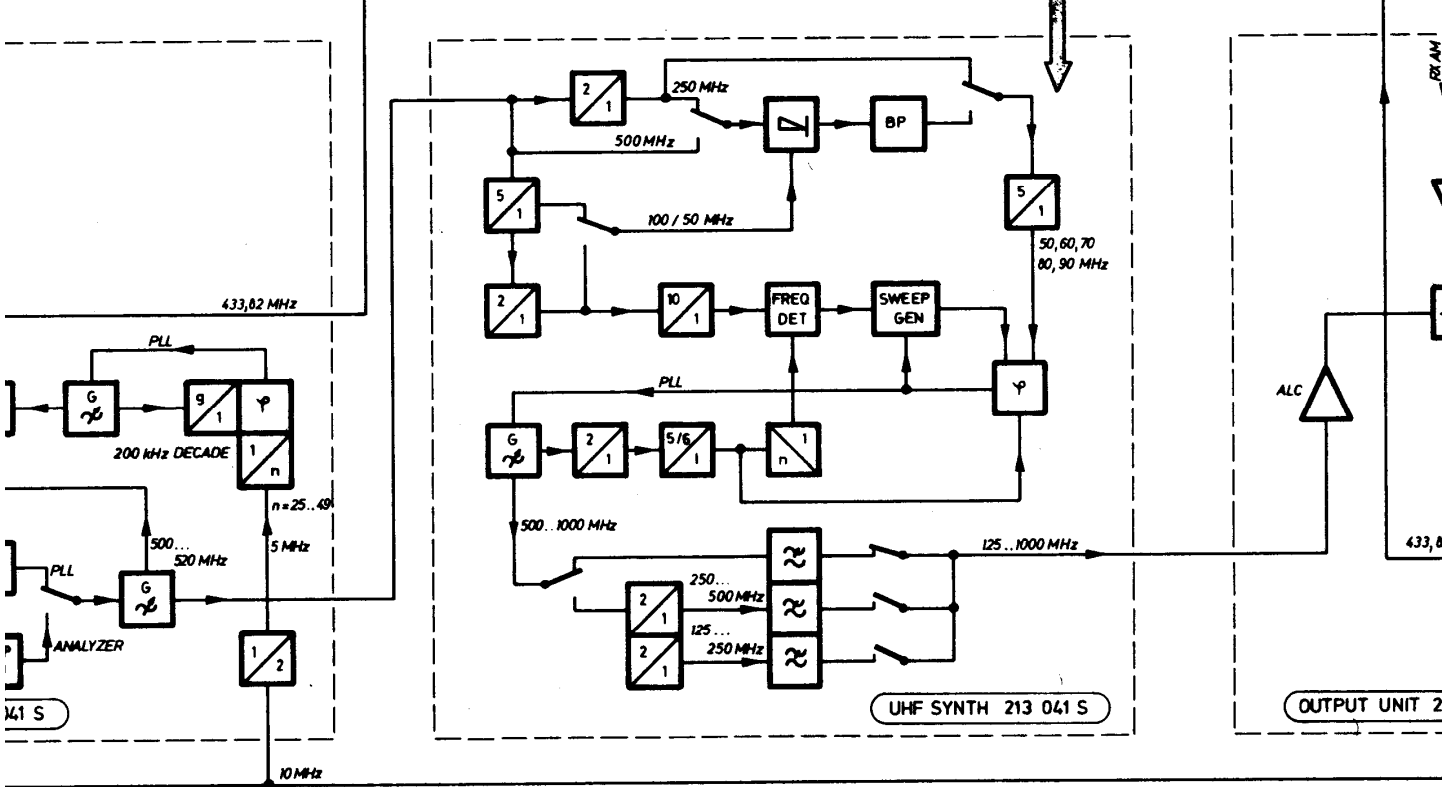


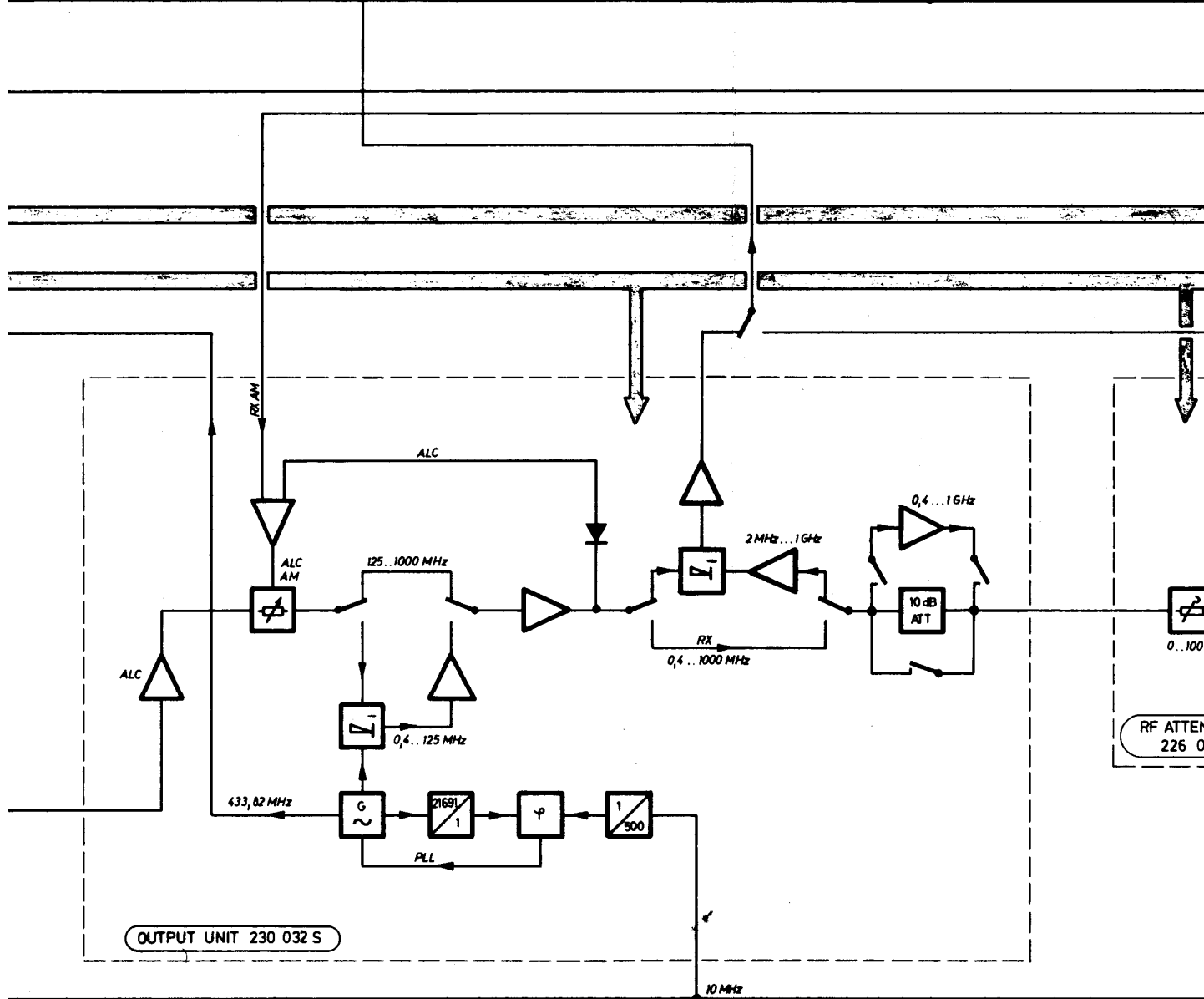
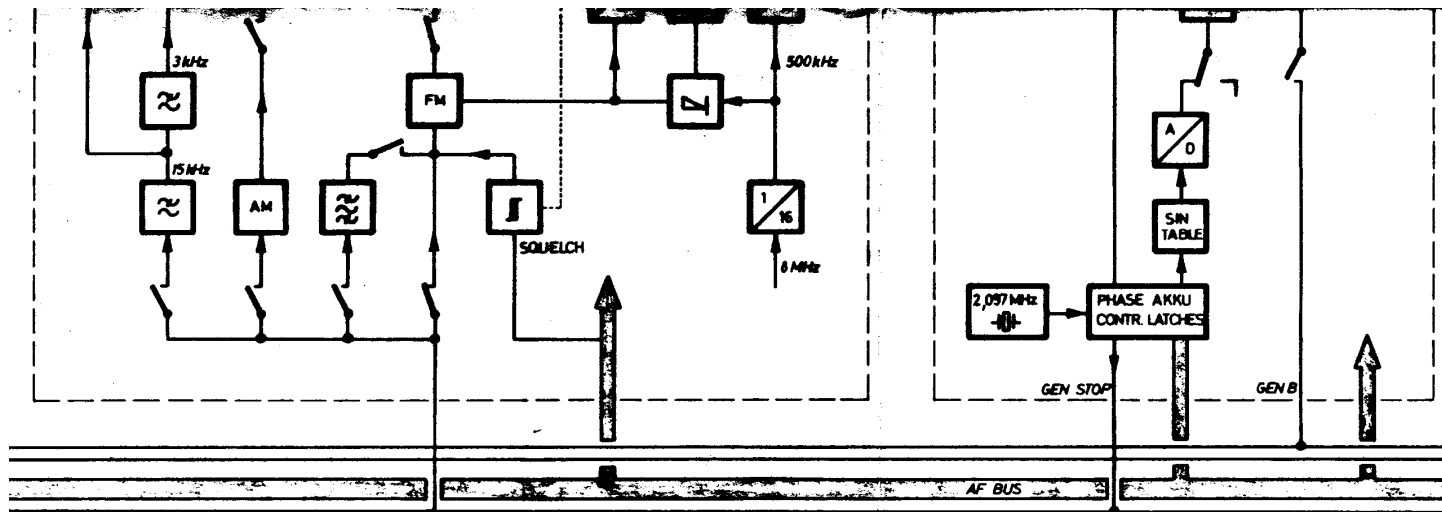


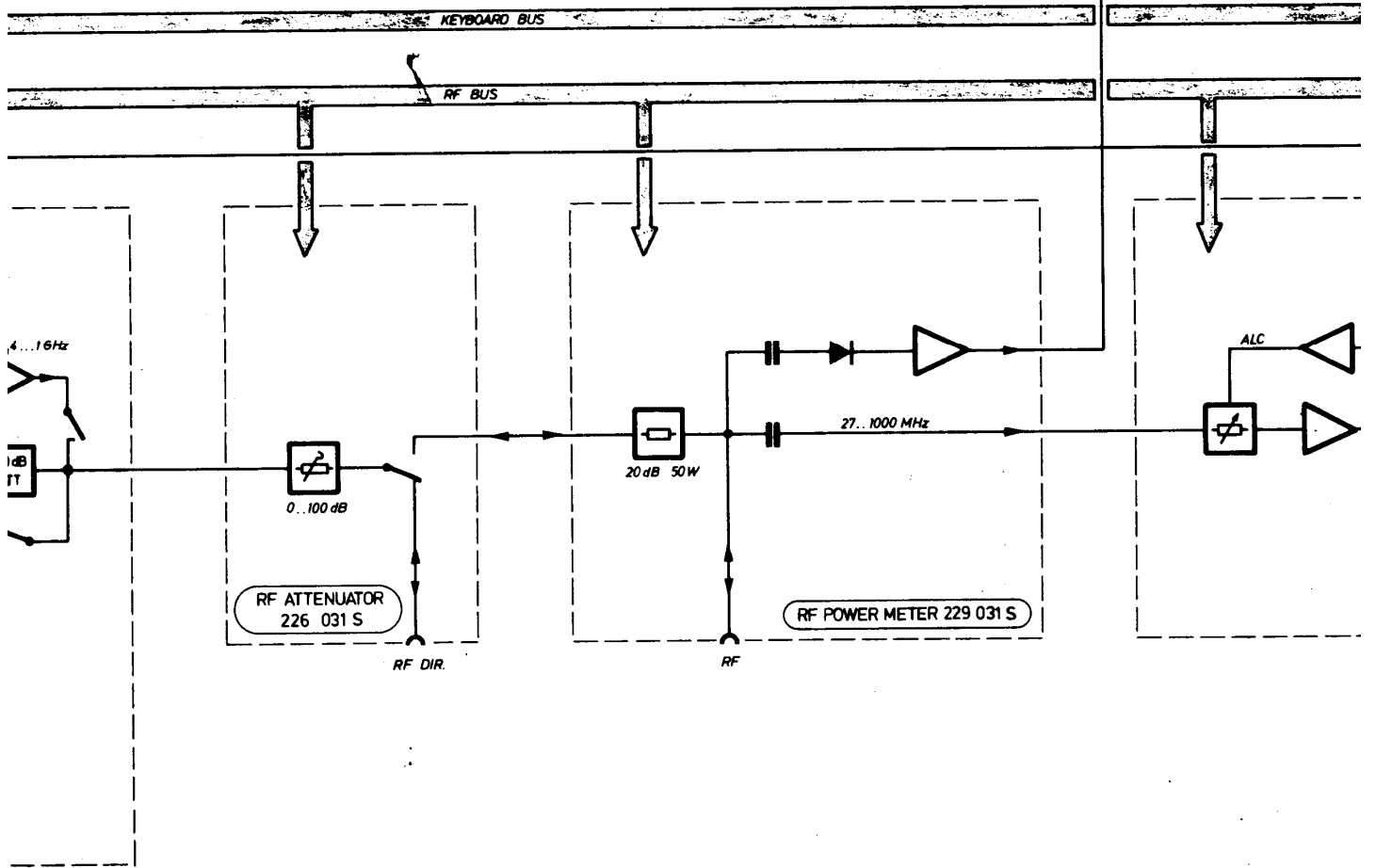
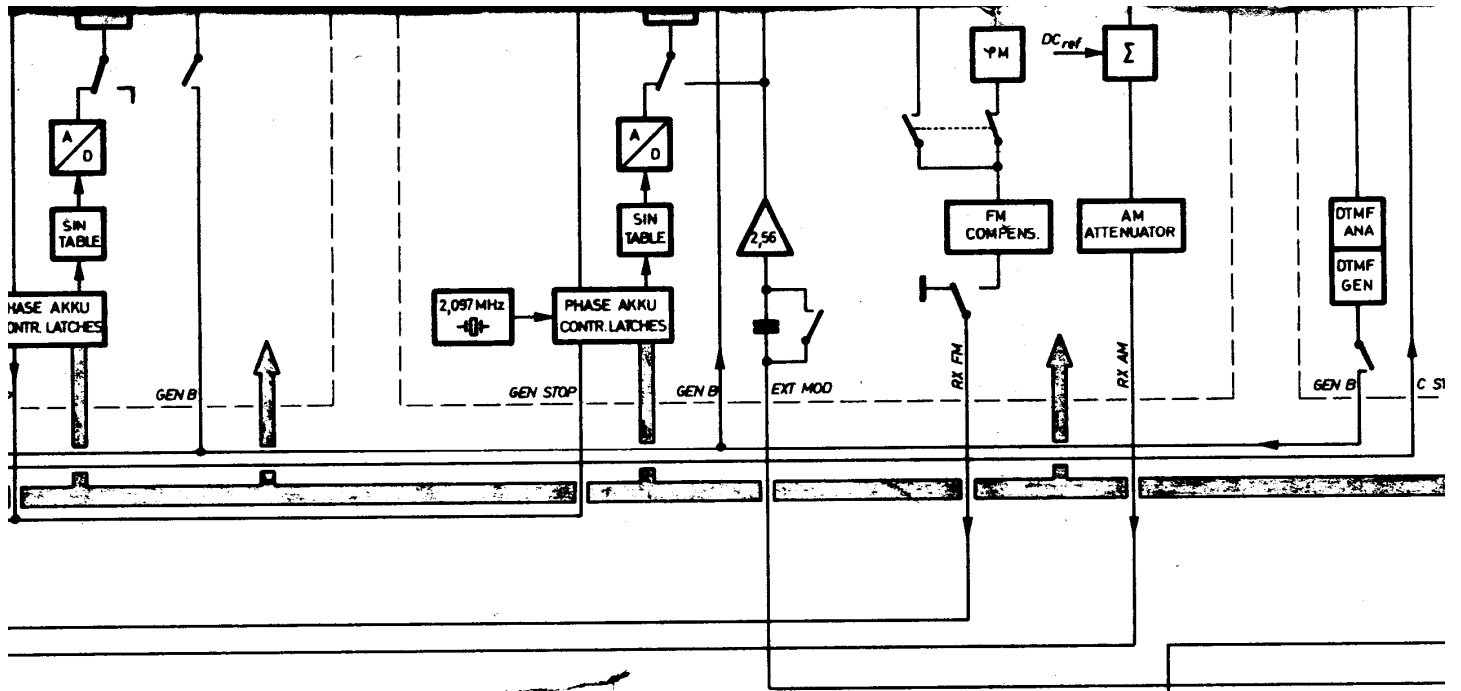


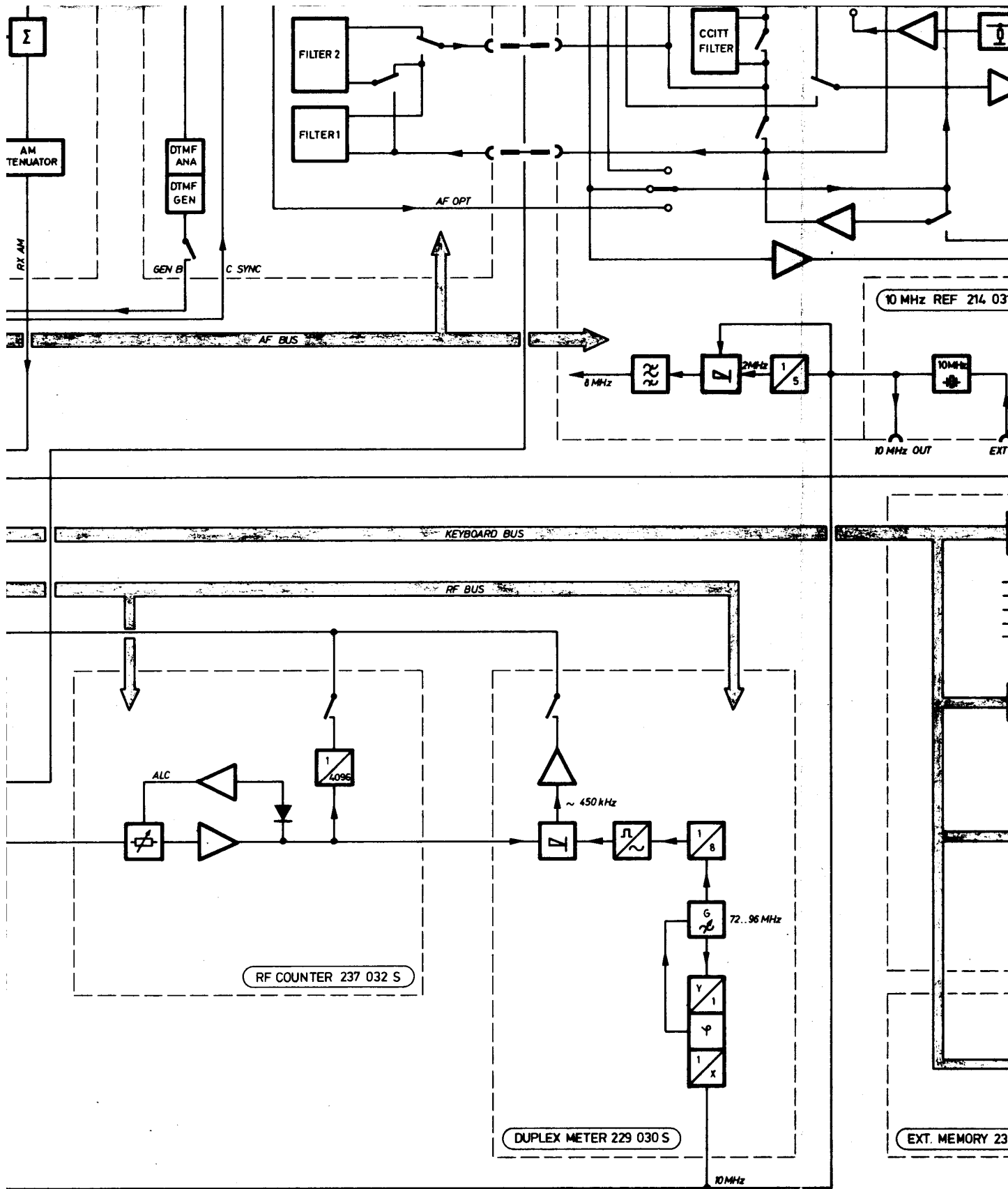


OTHERBOARD 361 135 S





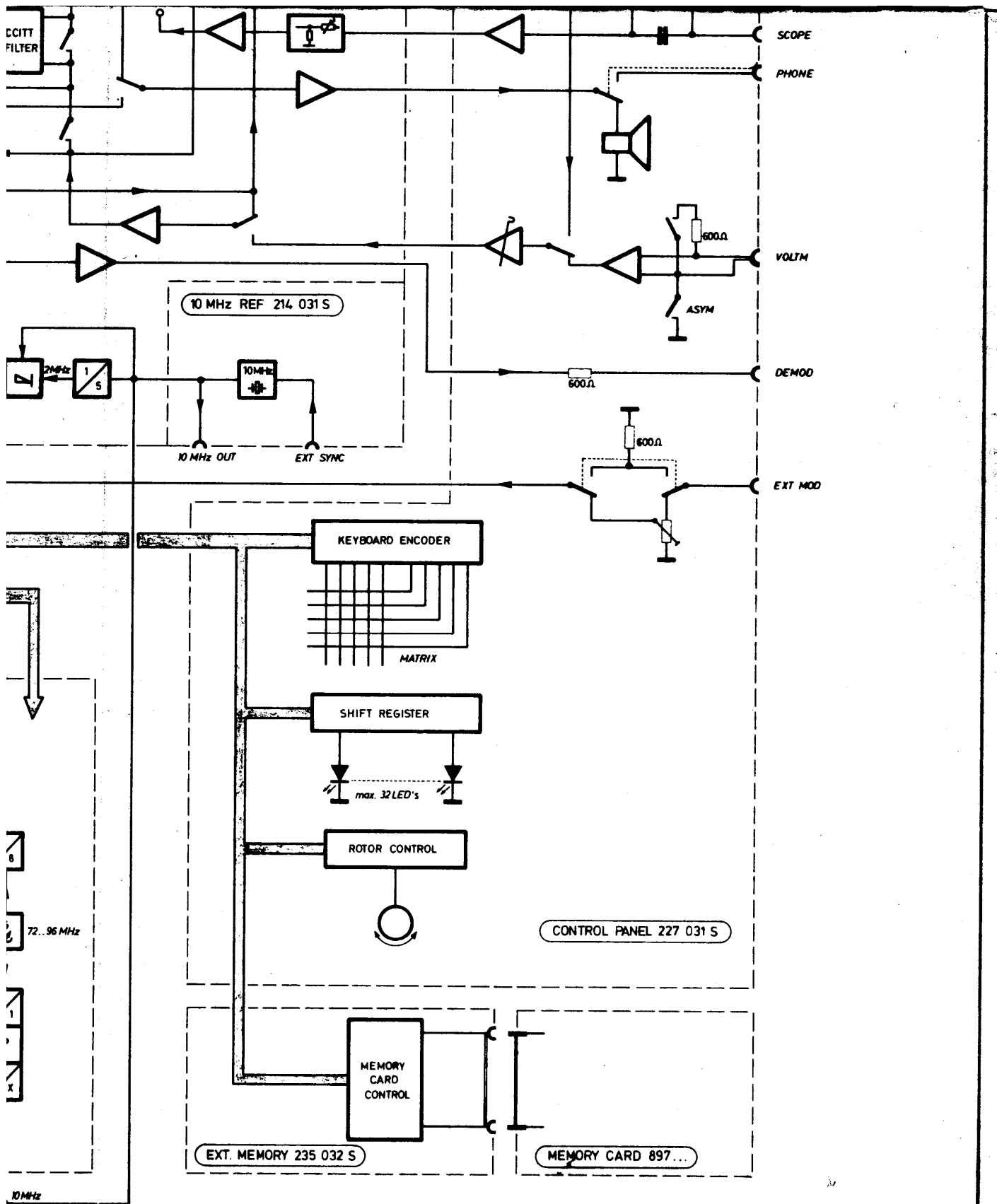




sw BLACK	bl BLUE
br BROWN	vi VIOLET
rt RED	gr GREY
rs ROSE	ws WHITE
ge YELLOW	tr TRANSPARENT
gn GREEN	

03	9088.11	13.2.89	Mg	norm		
Ausg	A-Mittig	Datum	Name	gear	22.4.88	Kr
ISS	MODIF	DATE	NAME	beers	1988	Datum Name

Schlumberger o/s
 Meßgerätebau u. Vertrieb GmbH
 8 München 46



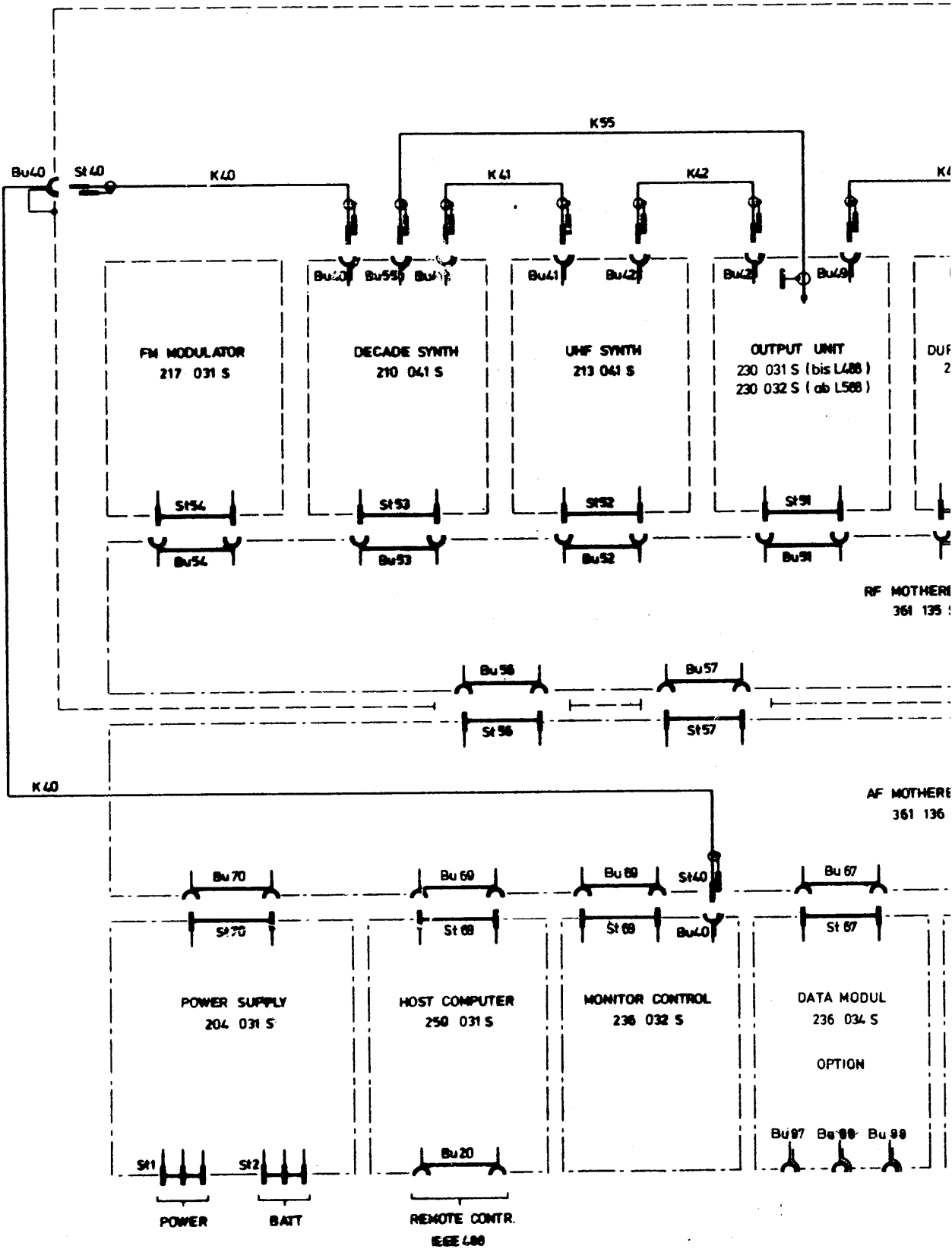
22.4.88	Kr
DATE	NAME

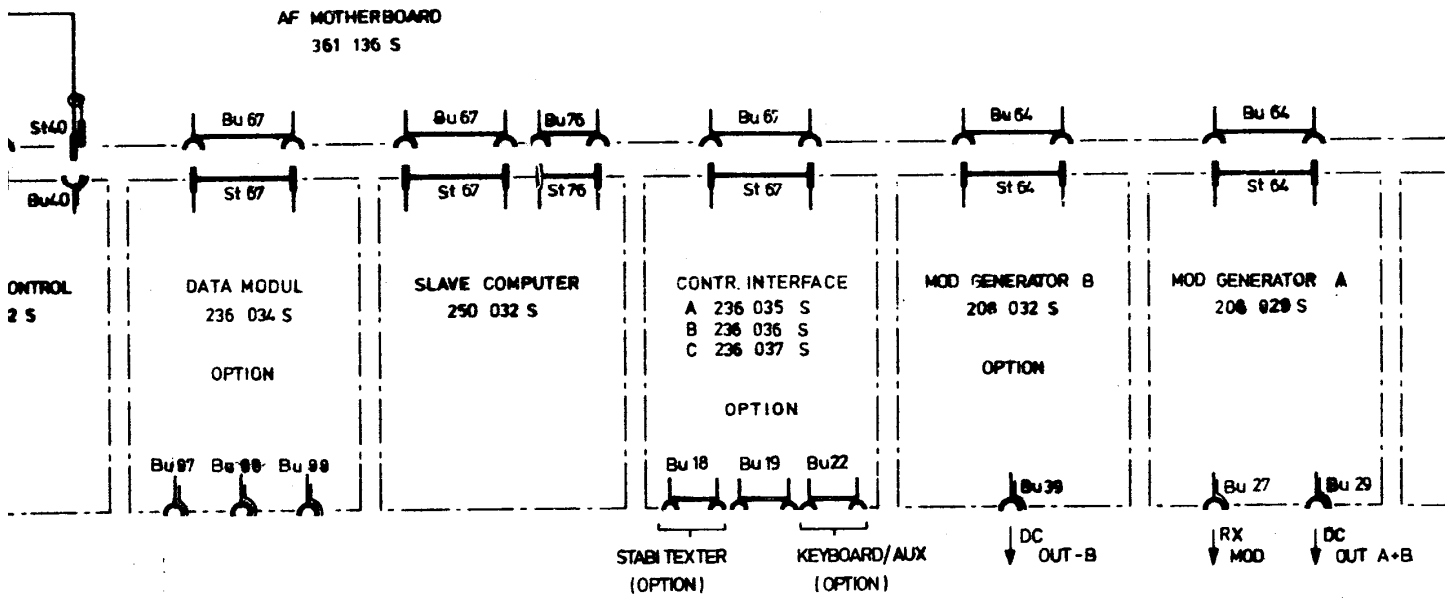
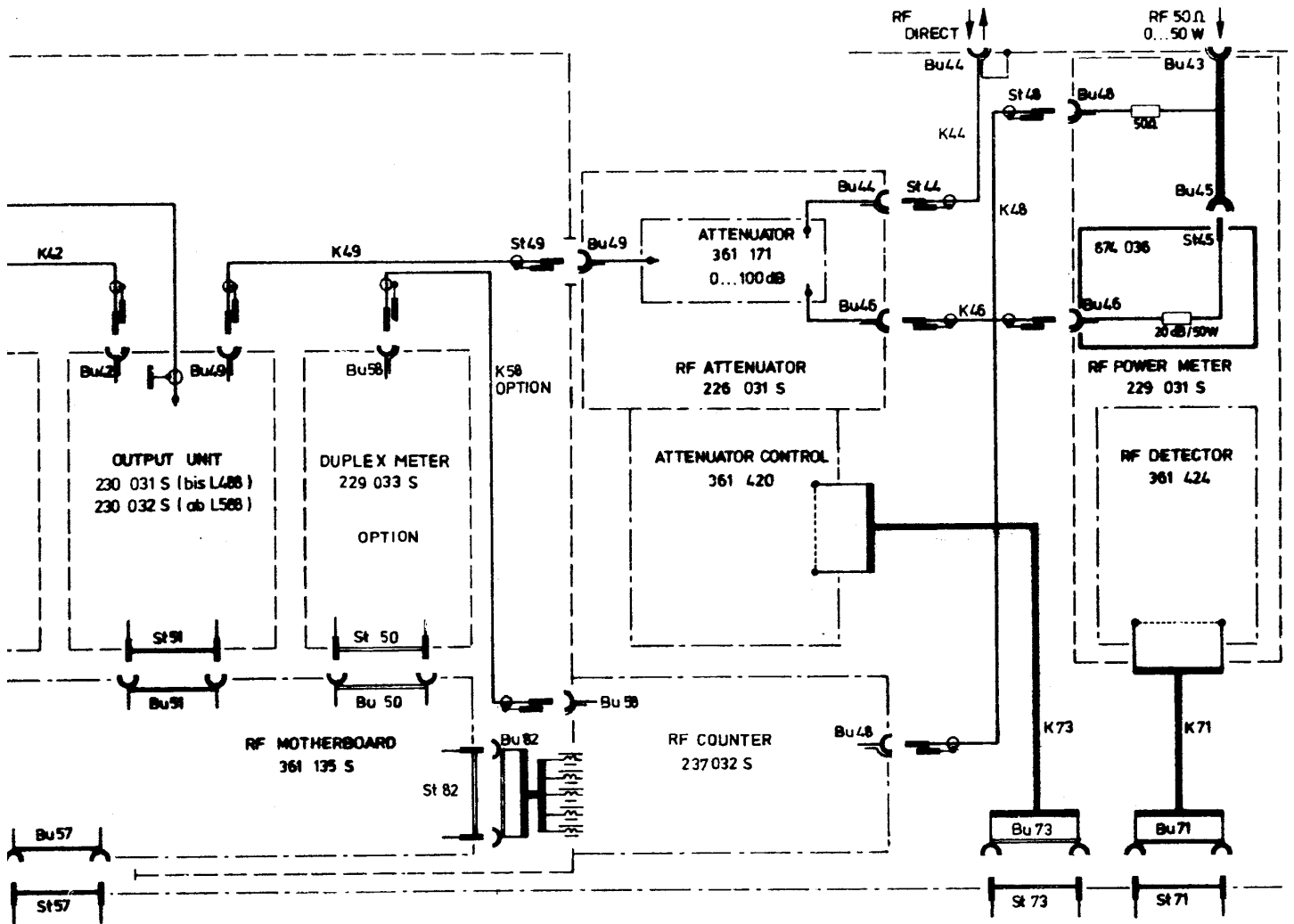
Schlumberger o/s
 Meßgerätebau u. Vertrieb GmbH
 8 München 45

COMMUNICATION TEST SET
BLOCK DIAGRAM

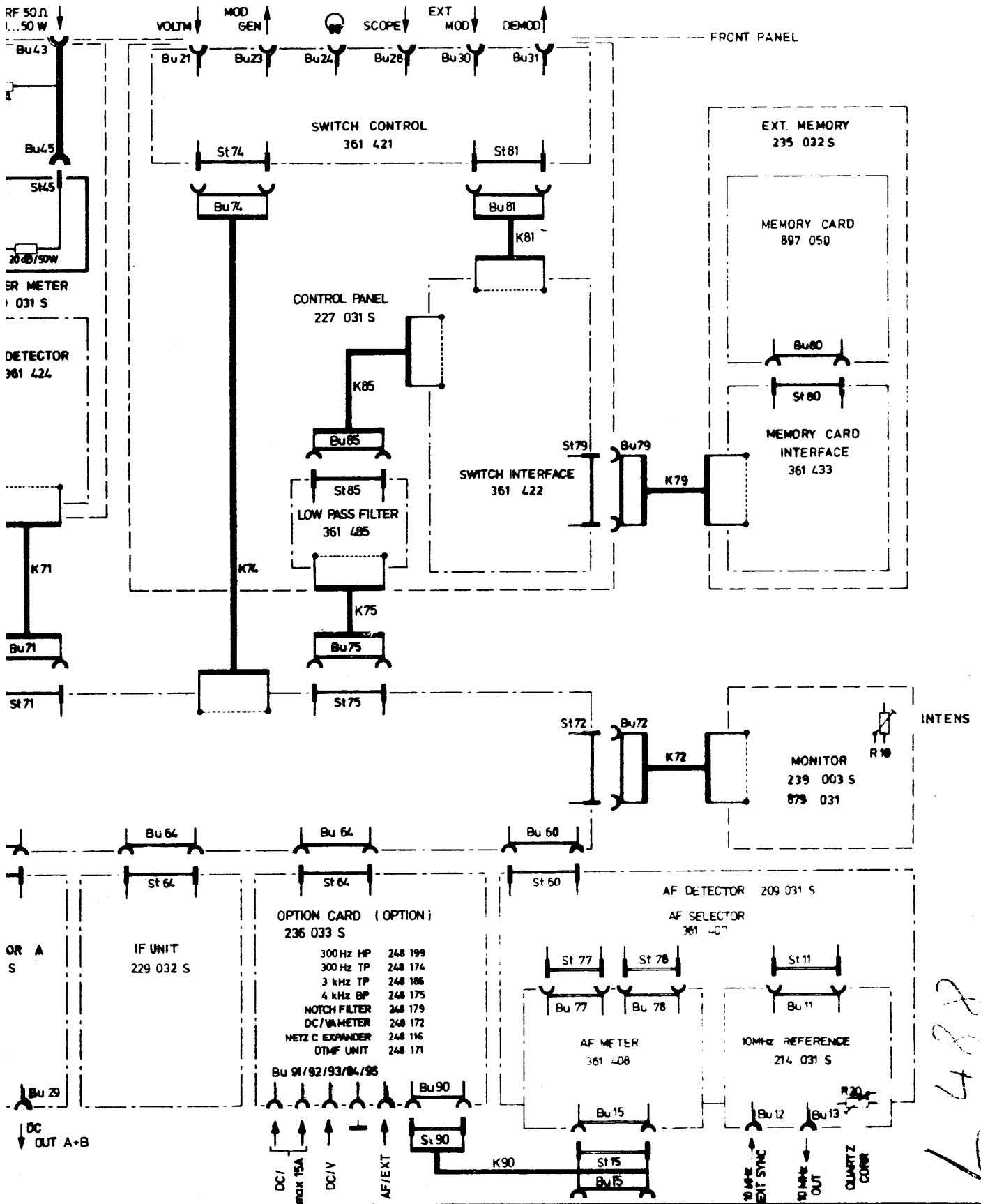
108 800 B
 Typ: 4031

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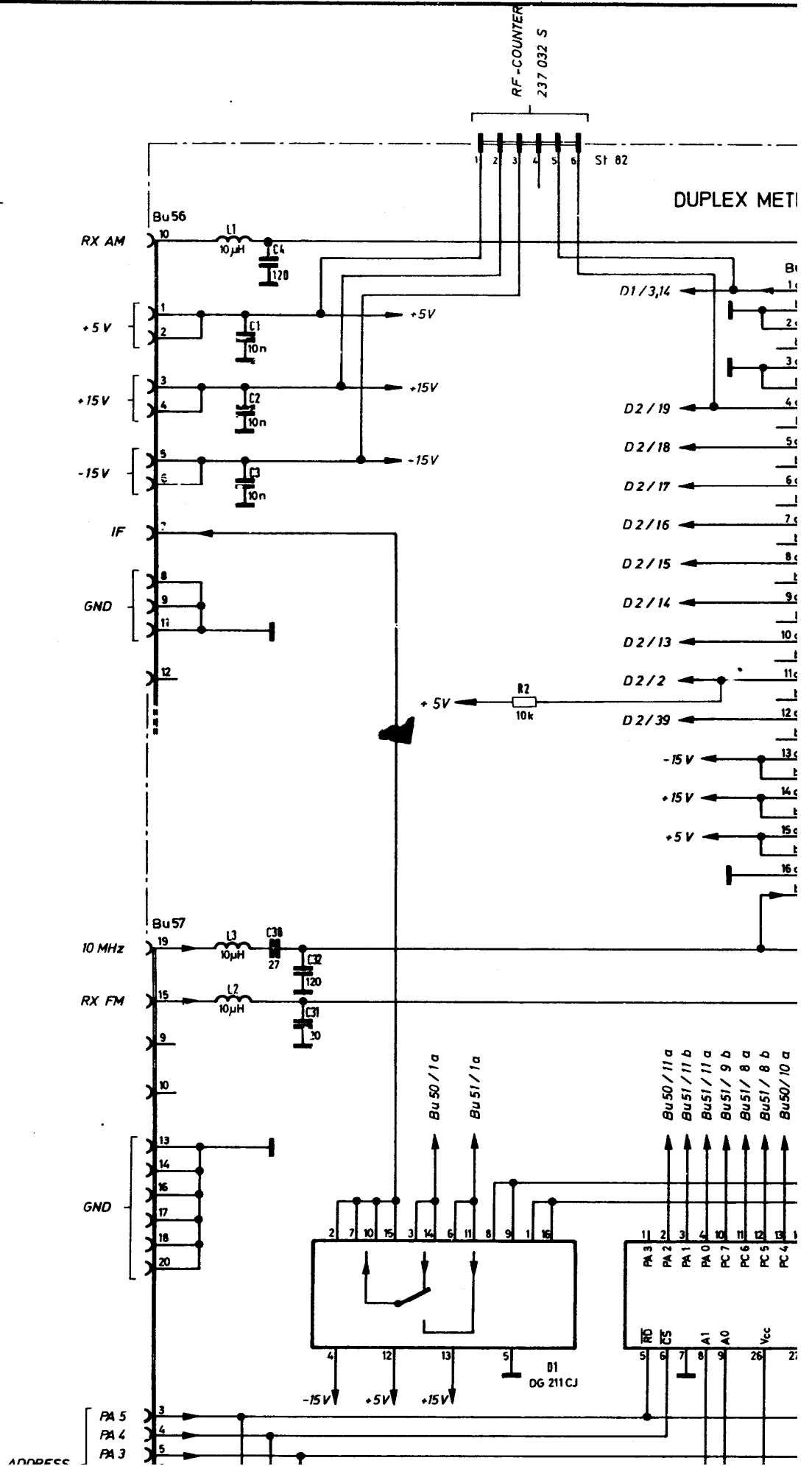
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01	7088.18	18.11.87	Kc	genr	22.88
03	6088.17	27.9.86	Kc	Swab	18.2.87
Aug.	A-1888p	Deton	Flotte	1987	Deton
NB.	KCZP	DATE	NOME	1987	DATE



<table border="1"> <tr><td>Norm</td><td></td></tr> <tr><td>Typ</td><td>236 033</td></tr> <tr><td>Best. Nr.</td><td>18.2.67/18</td></tr> <tr><td>1987</td><td>Datum NAME</td></tr> <tr><td></td><td>Datum NAME</td></tr> </table>	Norm		Typ	236 033	Best. Nr.	18.2.67/18	1987	Datum NAME		Datum NAME	Schwanberger Meßgeräte GmbH Ingolstädter Straße 67 a 8000 München 46	<h1>COMMUNICATION TEST SET</h1>	<h2>201 231 S</h2> <p>Gerät: 4038</p>
Norm													
Typ	236 033												
Best. Nr.	18.2.67/18												
1987	Datum NAME												
	Datum NAME												

L 488

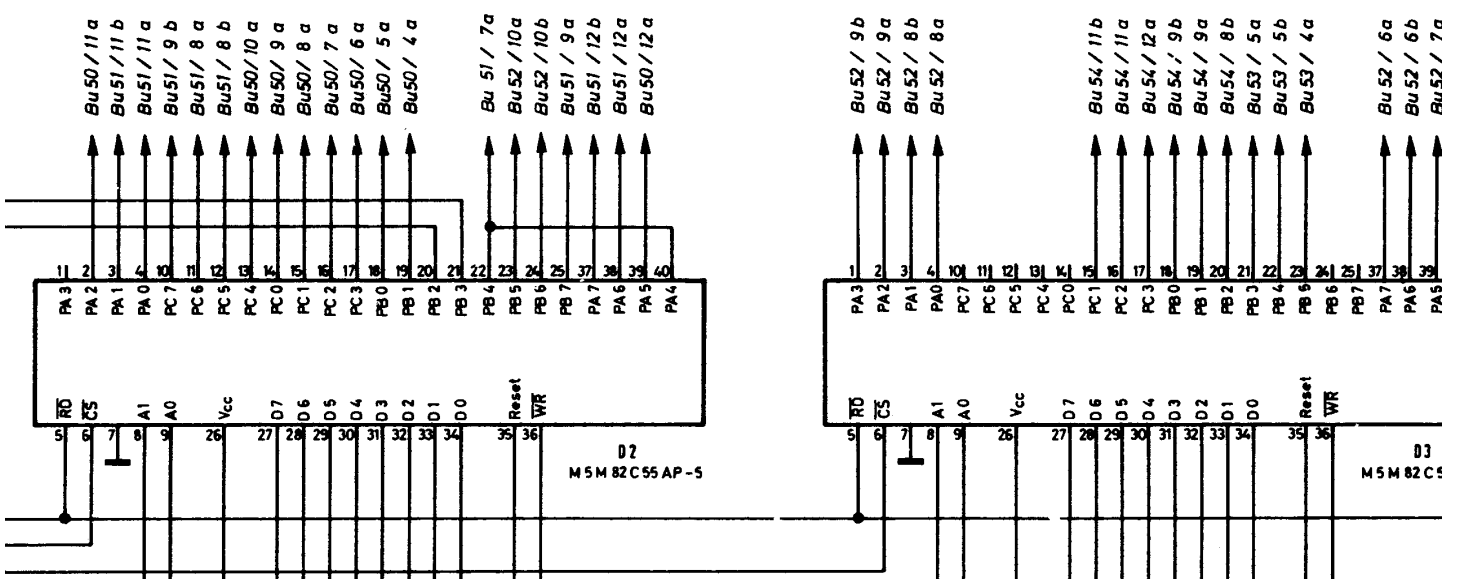
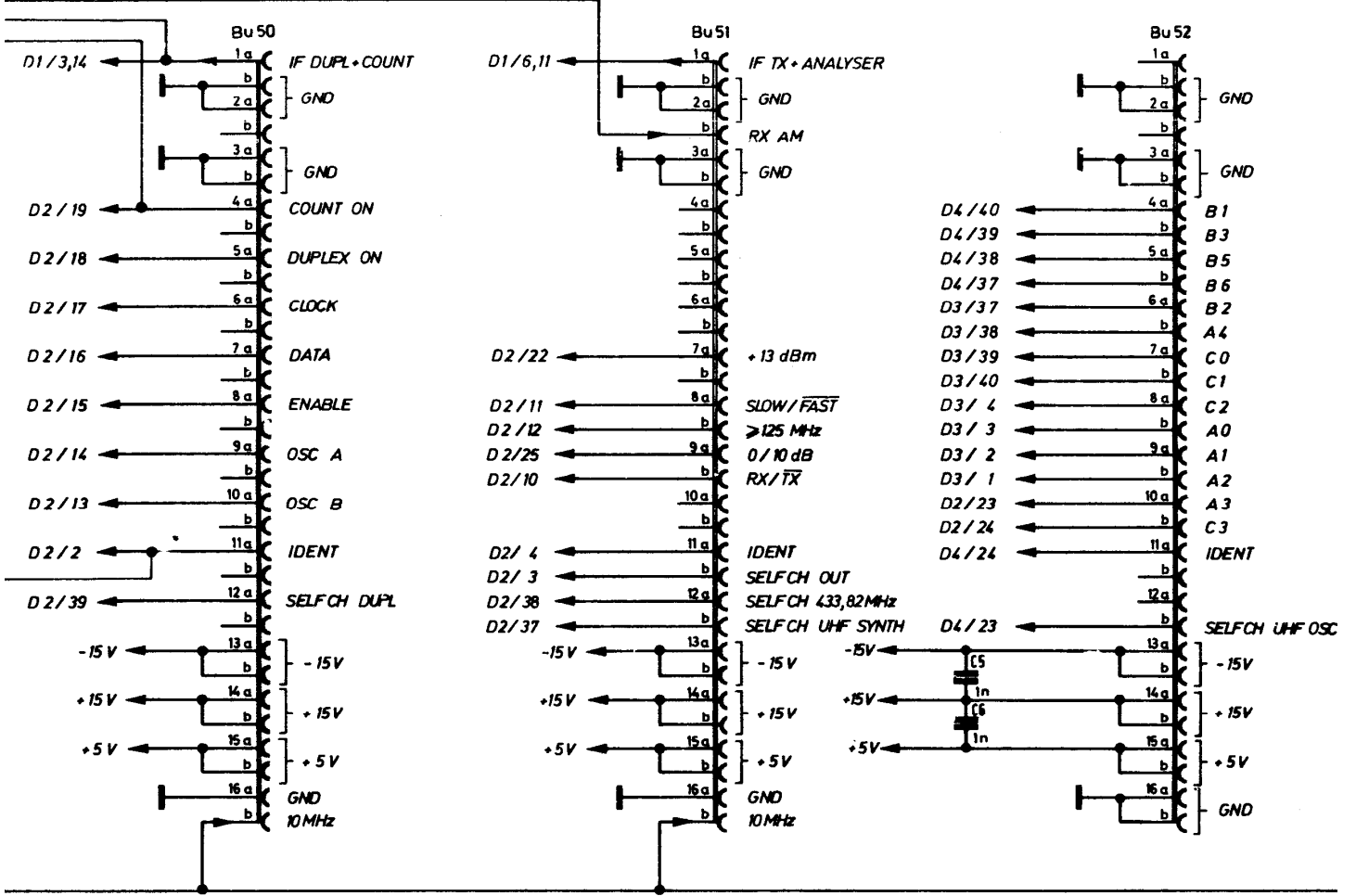
AF-MOTHERBOARD
361 136 S



DUPLX METER 229 030 S

OUTPUT UNIT 230 031 S

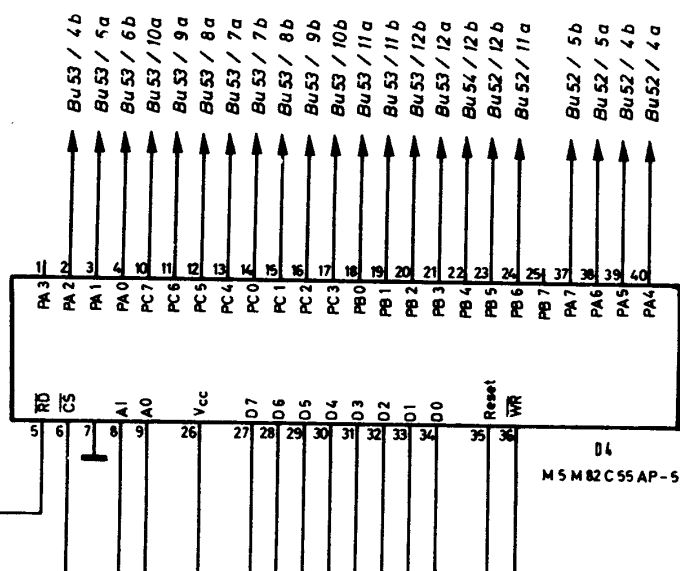
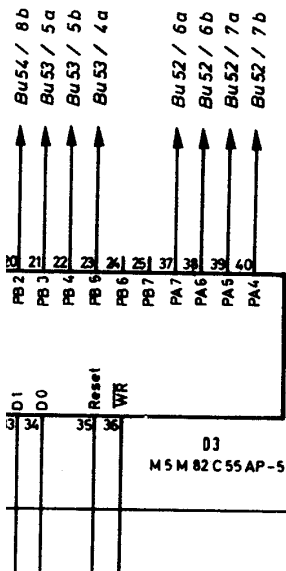
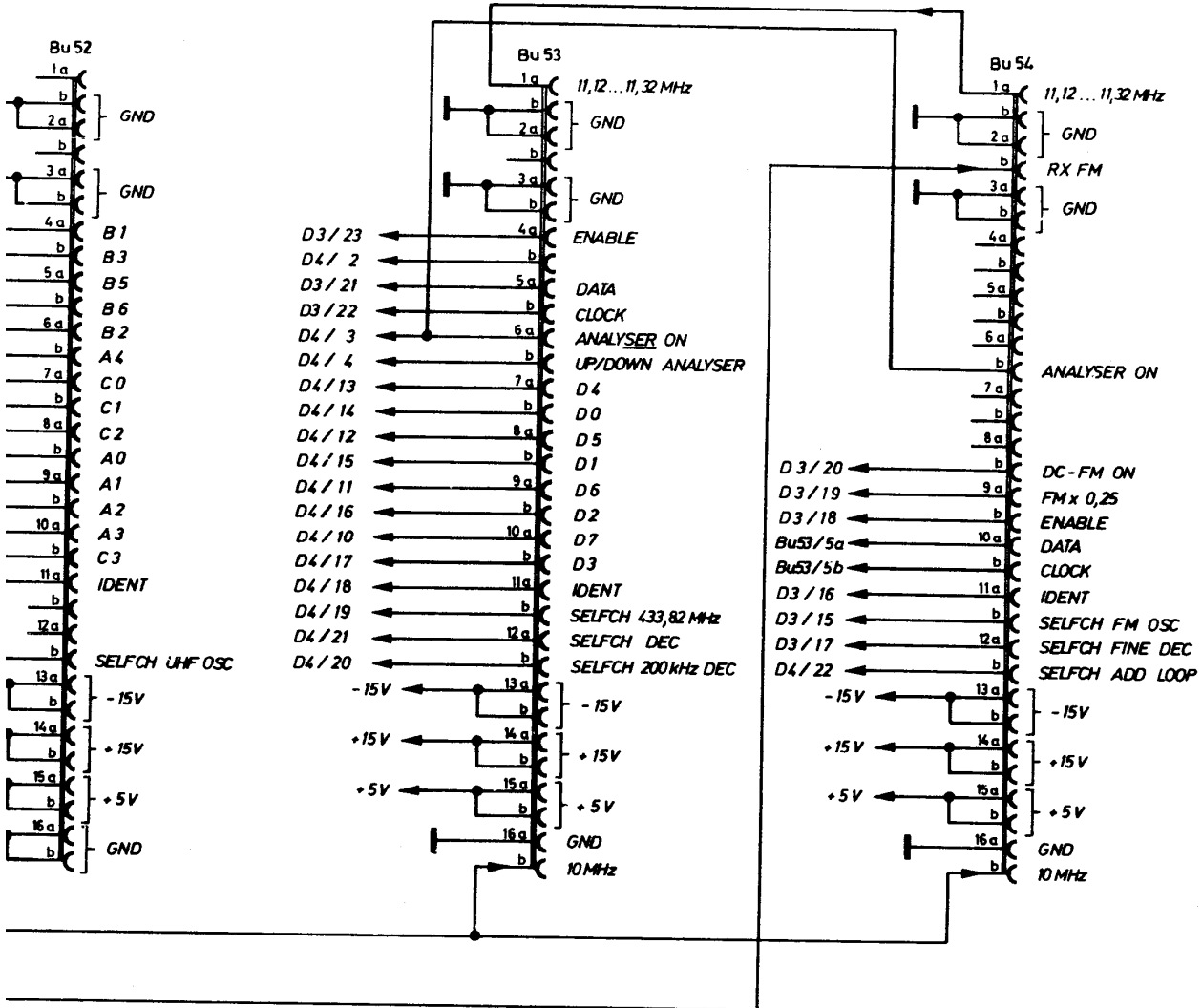
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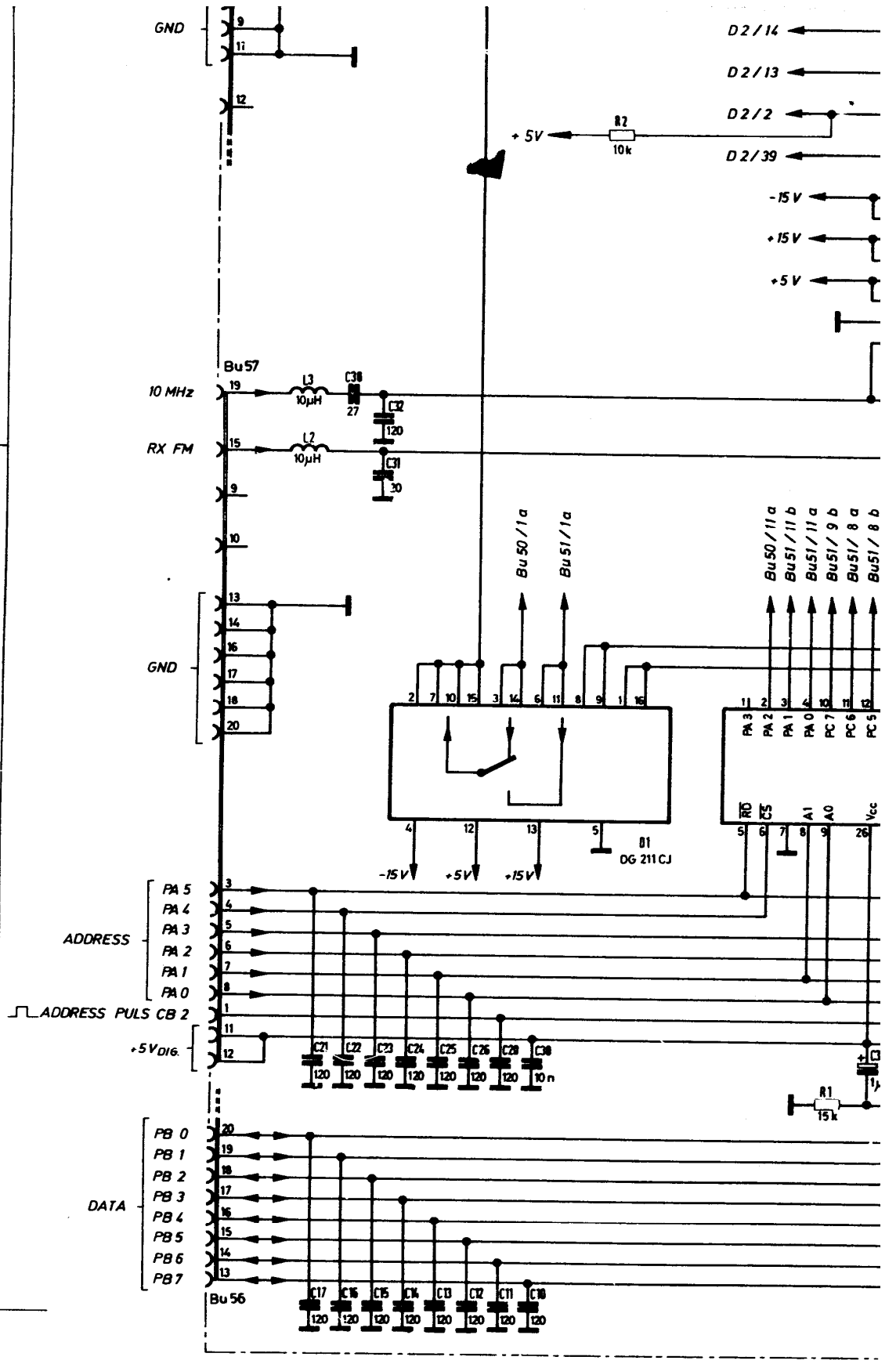
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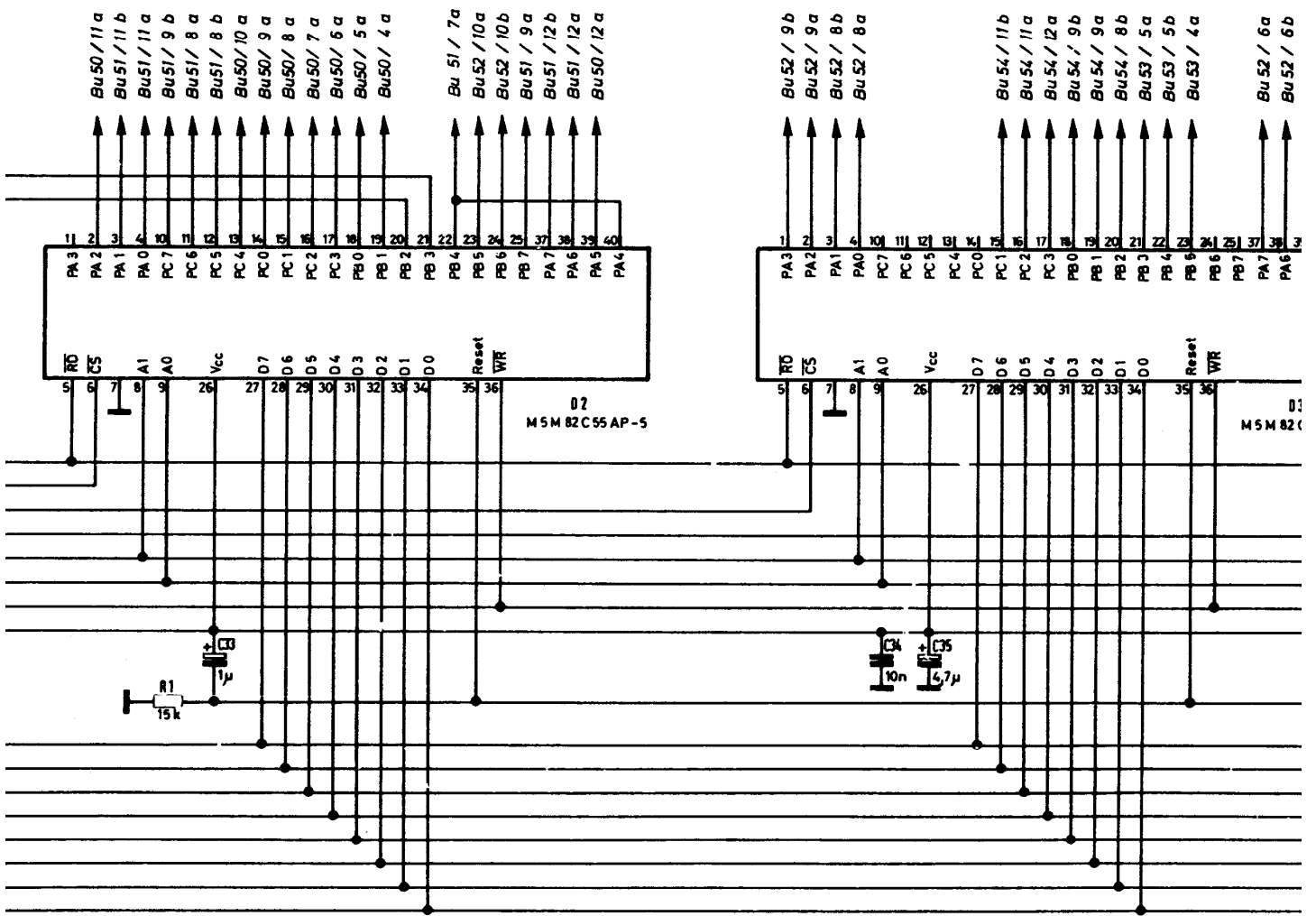
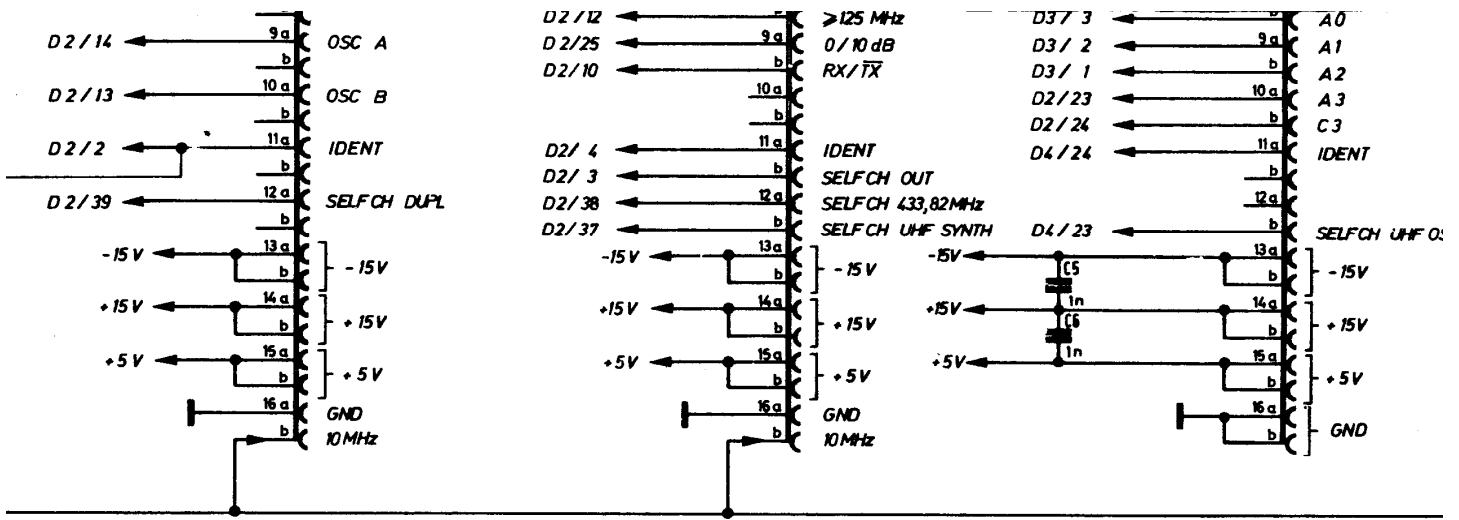
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FM MODULATOR 217 031 S



AF - MOTHERBOARD
361 136 S





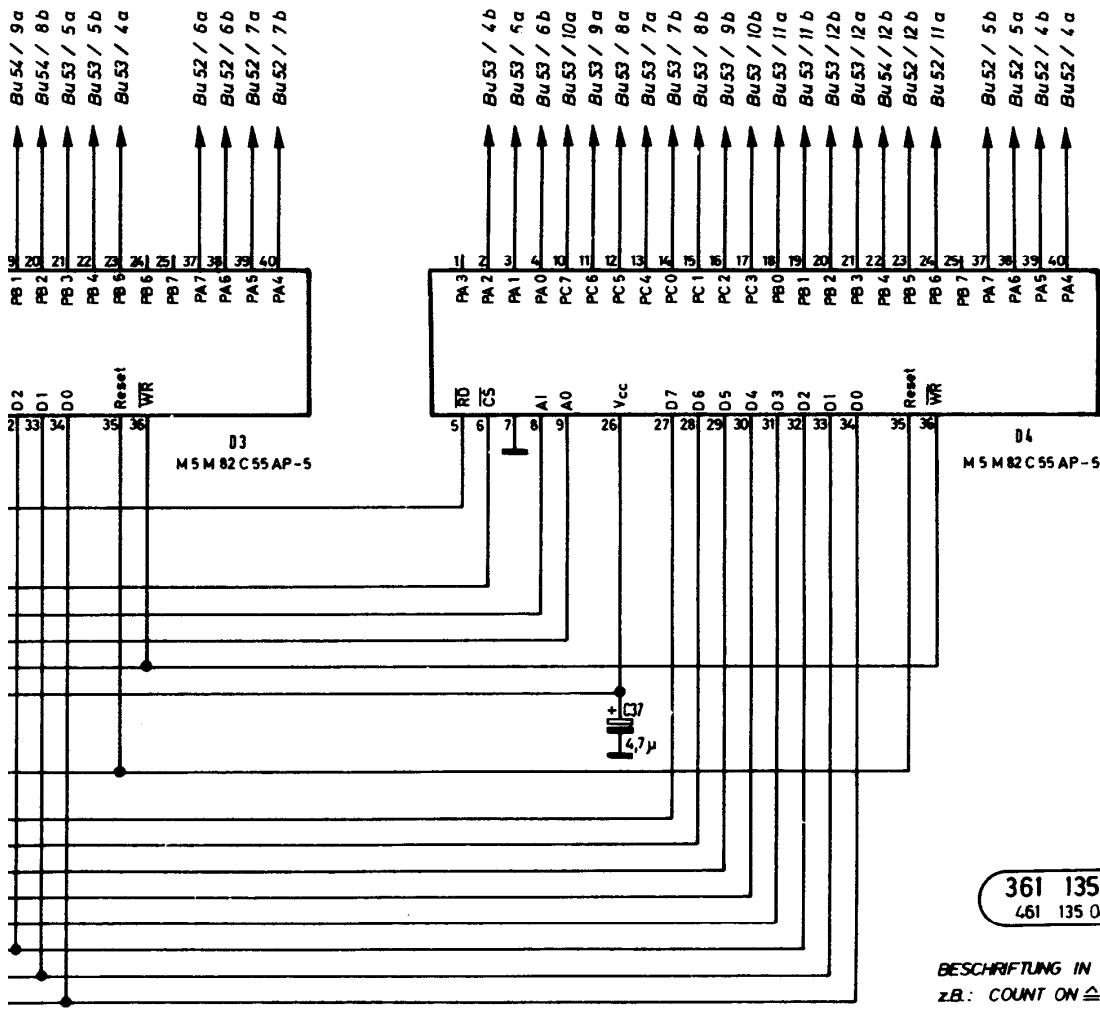
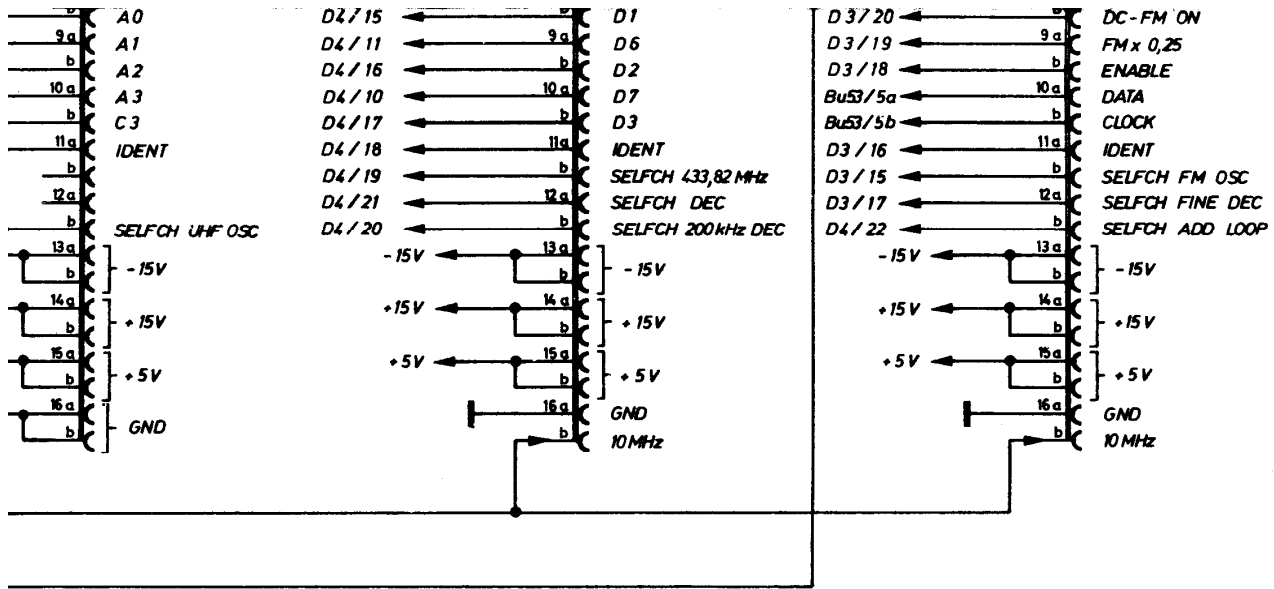
sw BLACK	bl BLUE	04	8088.154	14.9.88	Kr	norm		
br BROWN	vi VIOLET	03	7088.158	23.10.87	Kr	gepr		
rt RED	gr GREY	Ausg.	A-Mittig.	Datum	Name	bearb.	9.9.86	Kr
rs ROSE	ws WHITE	ISS	MODIF	DATE	NAME	1986	DATE	NAME
ge YELLOW	tr TRANSPARENT							
gn GREEN								

7

6

5

4



361 135
461 135 04

BESCHRIFTUNG IN POS. LOGIC
z.B.: COUNT ON \cong HIGH

norm		Kc	Schlumberger o/s Meßgerätebau u. Vertrieb GmbH 8 München 46	RF MOTHERBOARD	361 135 S
gepr					
bearb.	9.9.86				
1986	DATE	Name			Typ: 4031

Zeichnungsausgabe

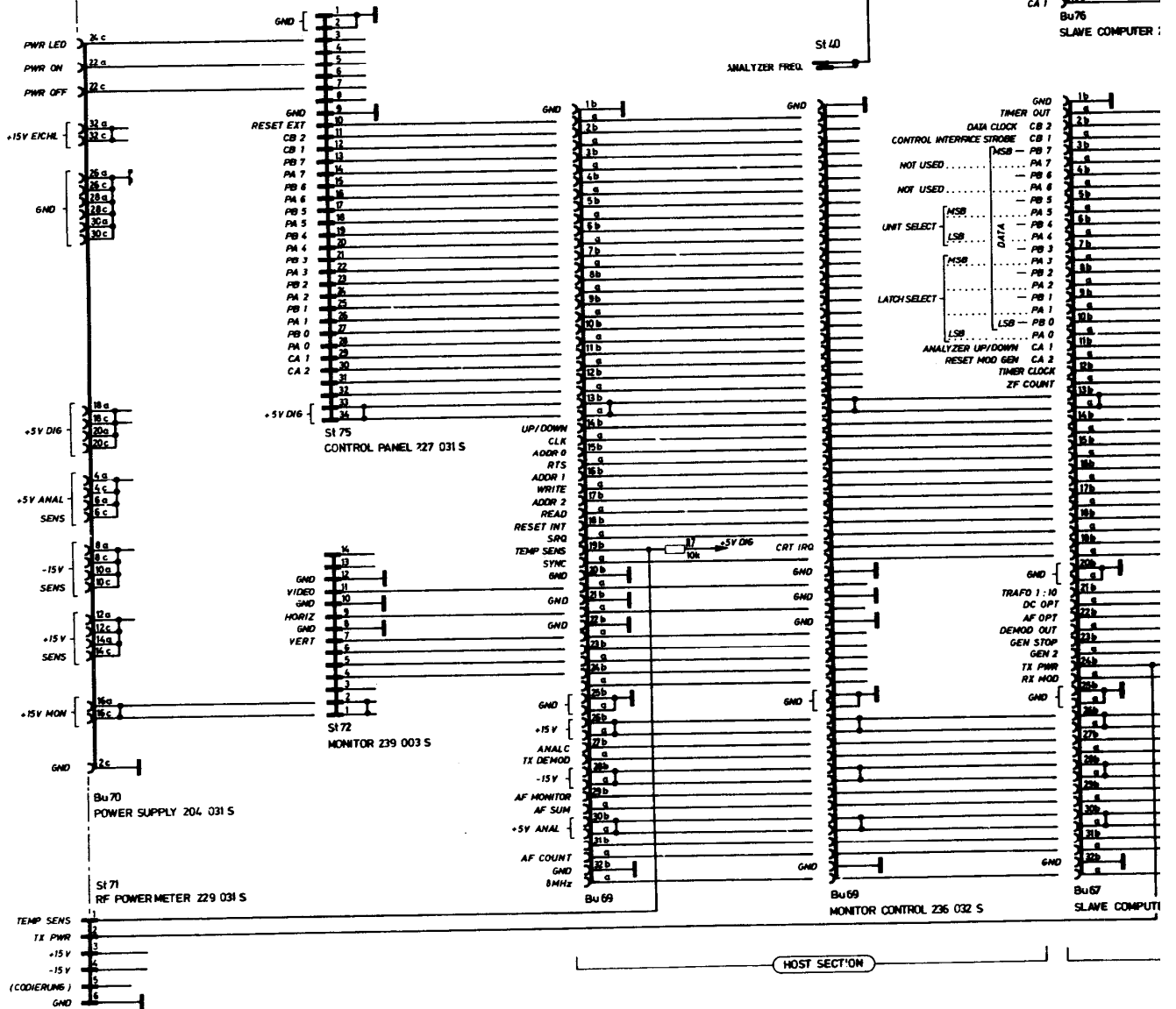
ISSUE \triangle Serie

361 136
481 136 03

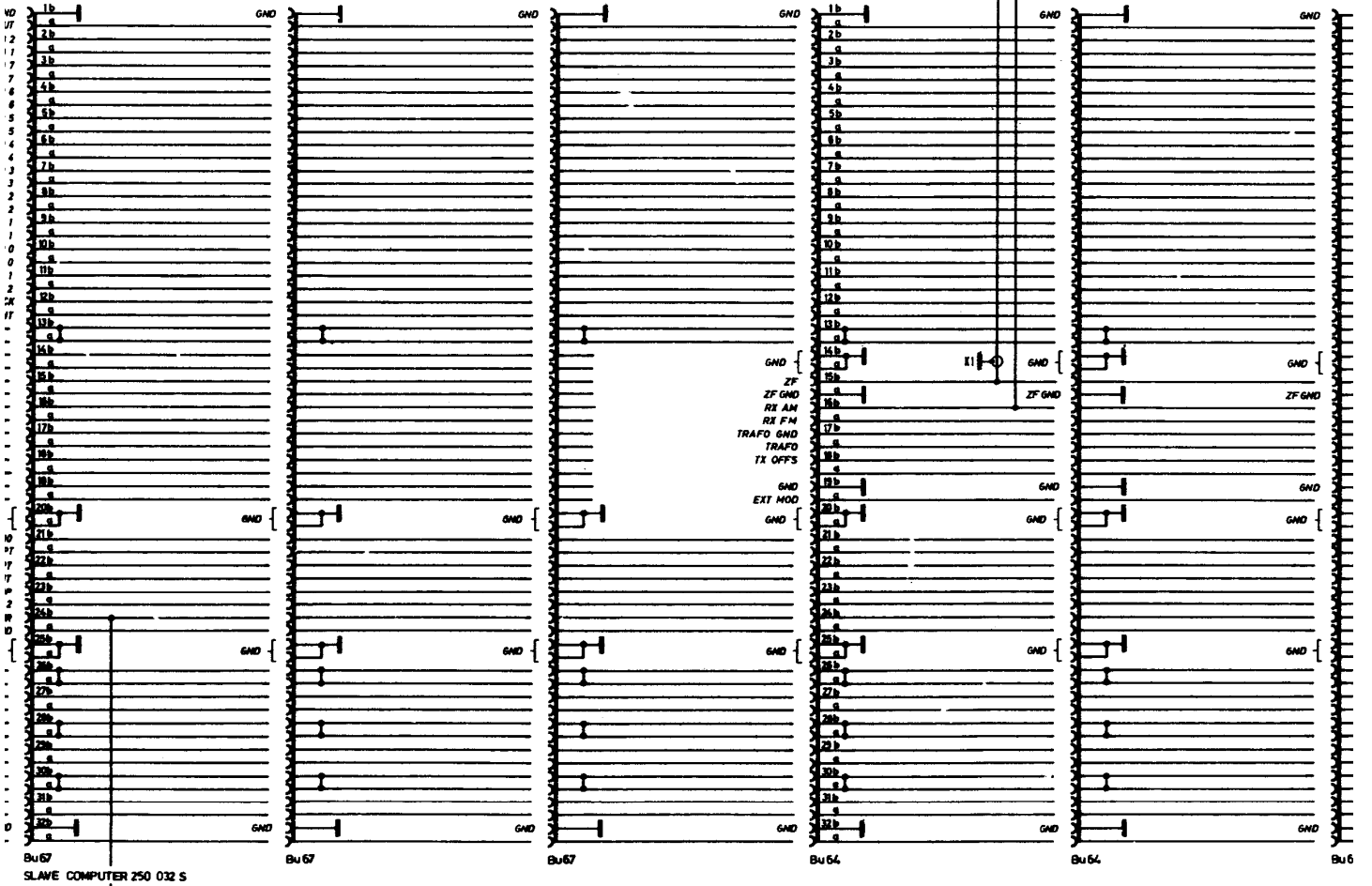
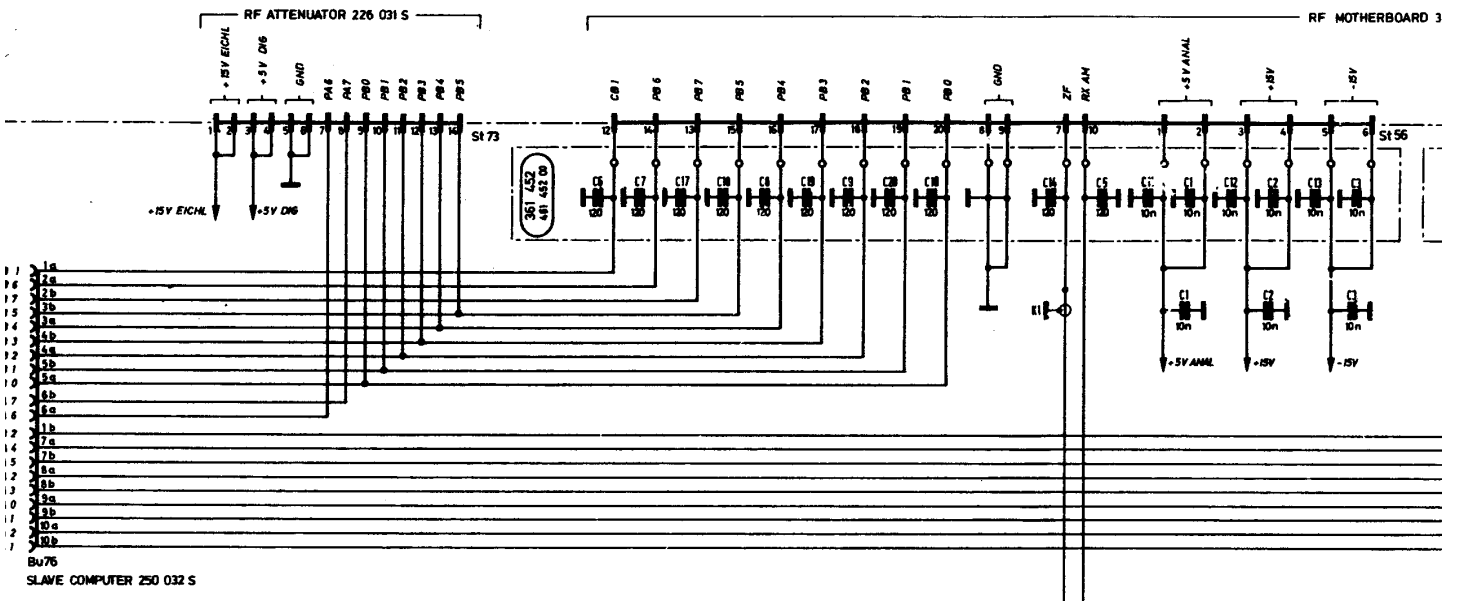
04 L 488
05 L 588

- CB 1 1a
- PB 6 2a
- PB 7 3a
- PB 5 4a
- PB 4 5a
- PB 3 6a
- PB 2 7a
- PB 1 8a
- PB 0 9a
- PA 7 4b
- PA 6 5b
- CB 2 1b
- PA 4 7a
- PA 5 7b
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- CA 1 10a
- CA 2 10b
- CA 1 10b

Bu76
SLAVE COMPUTER



HOST SECTION

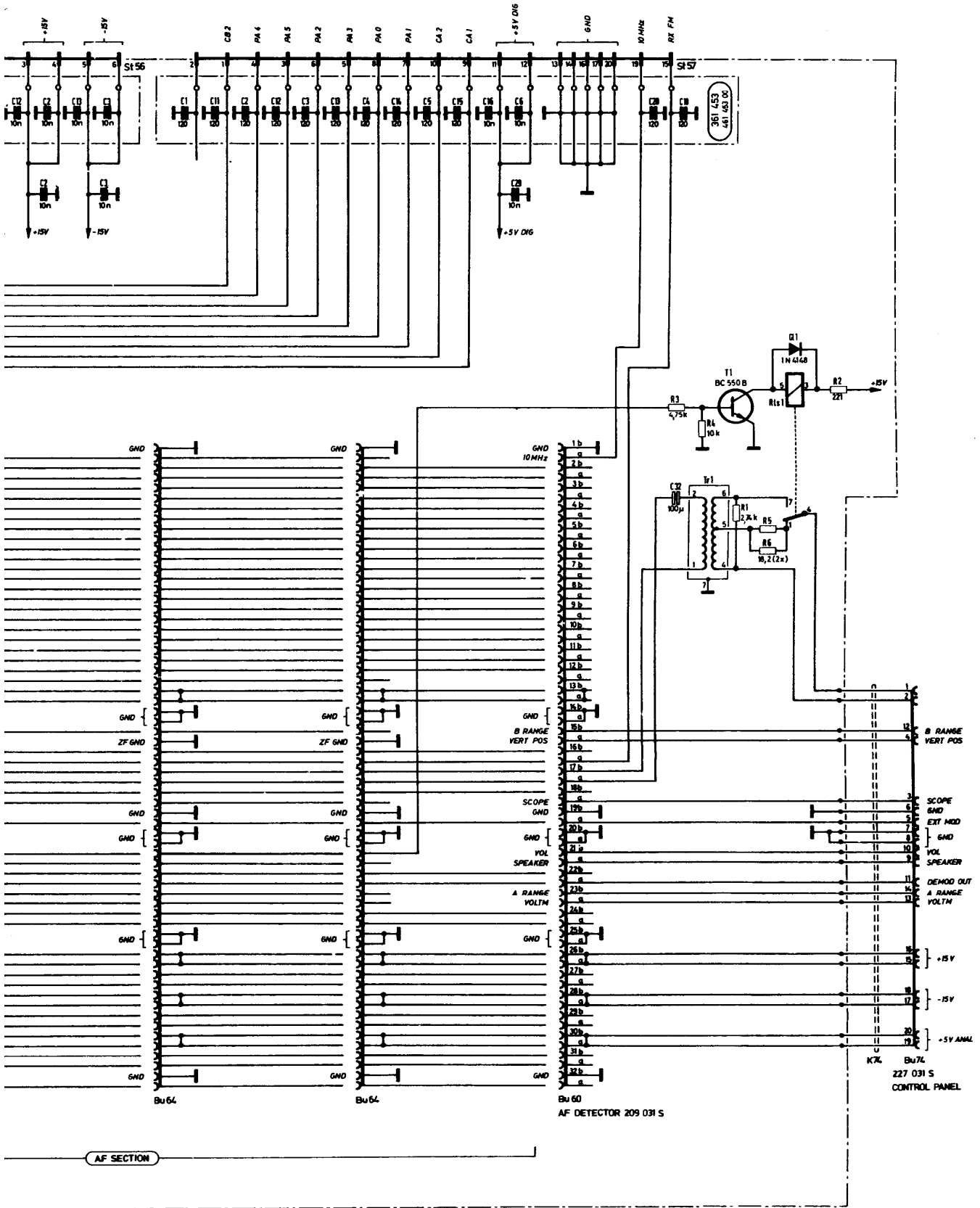


SLAVE SECTION

AF SECTION

01	BLACK	05	BLUE
02	BROWN	06	VIOLET
03	RED	07	GREY
04	ORANGE	08	WHITE
05	YELLOW	09	TRANSPARENT
06	GREEN	10	

OS 3
27
Assy
185



AF SECTION

ACK	W	BLUE	05	21.08.63	19.9.68	K2	norm	
BRUN	W	VIOLET	21	08.67	19.4.68	SL	norm	22.08.68
B	W	GREY	21	08.67	21.6.67	SL	norm	20.11.66
BE	W	WHITE						
LLSW	W	TRANSPARENT						
EEN								
	Amp	A	100W	DATE	NAME	1965	DATE	NAME

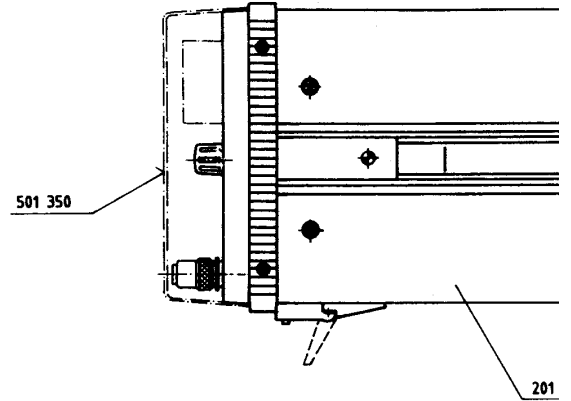
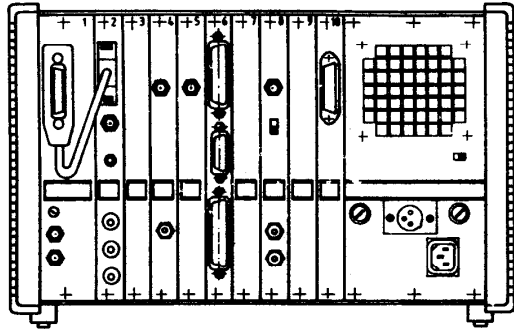
Schlumberger o/s
 Mutterboard + Vortrieb GmbH
 8 München 48

AF MOTHERBOARD

361 136 S
 Typ: 4031

Diese Zeichnung ist unser Eigentum. Vervielfältigung, unbefugte Vervielfältigung, Mitteilung an andere ist strafbar und schadenersatzpflichtig.

Rückansicht

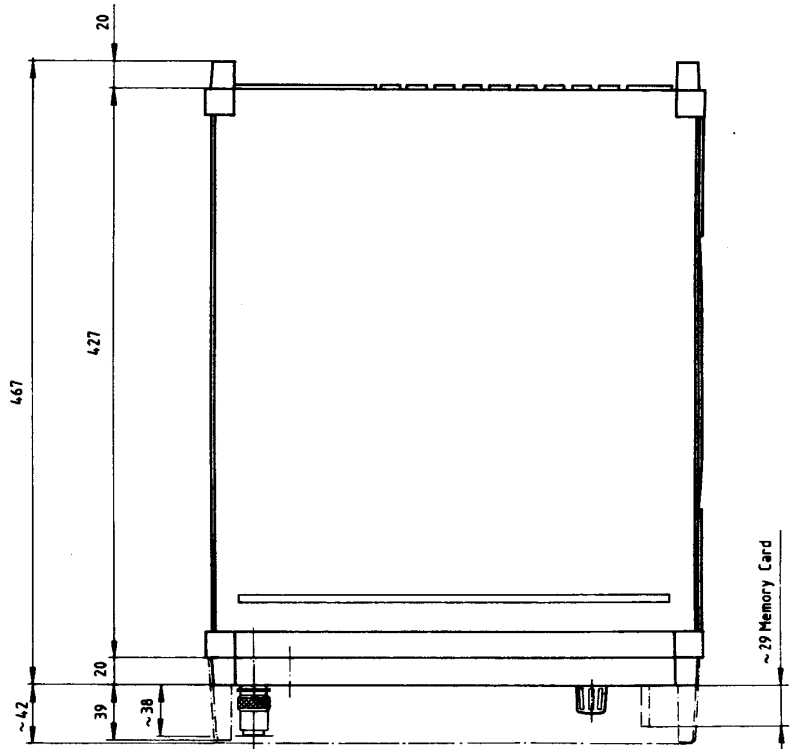
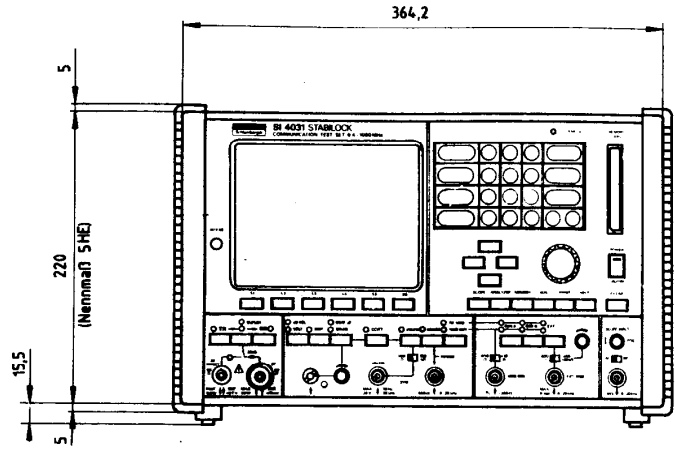
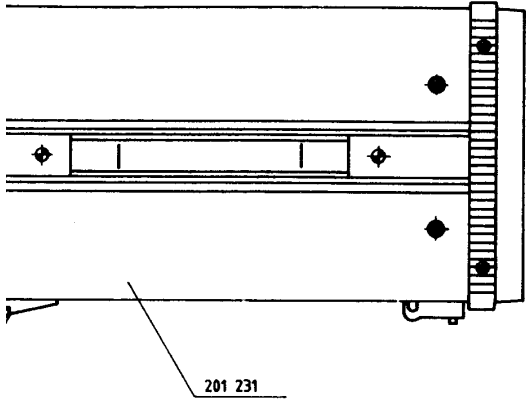


Option u. Zubehör

Montage siehe

Tragebügel Kit	378 256
19" Kit	378 257
Tragetasche Kit	378 258
OPTION CARD	236 033

Frontansicht



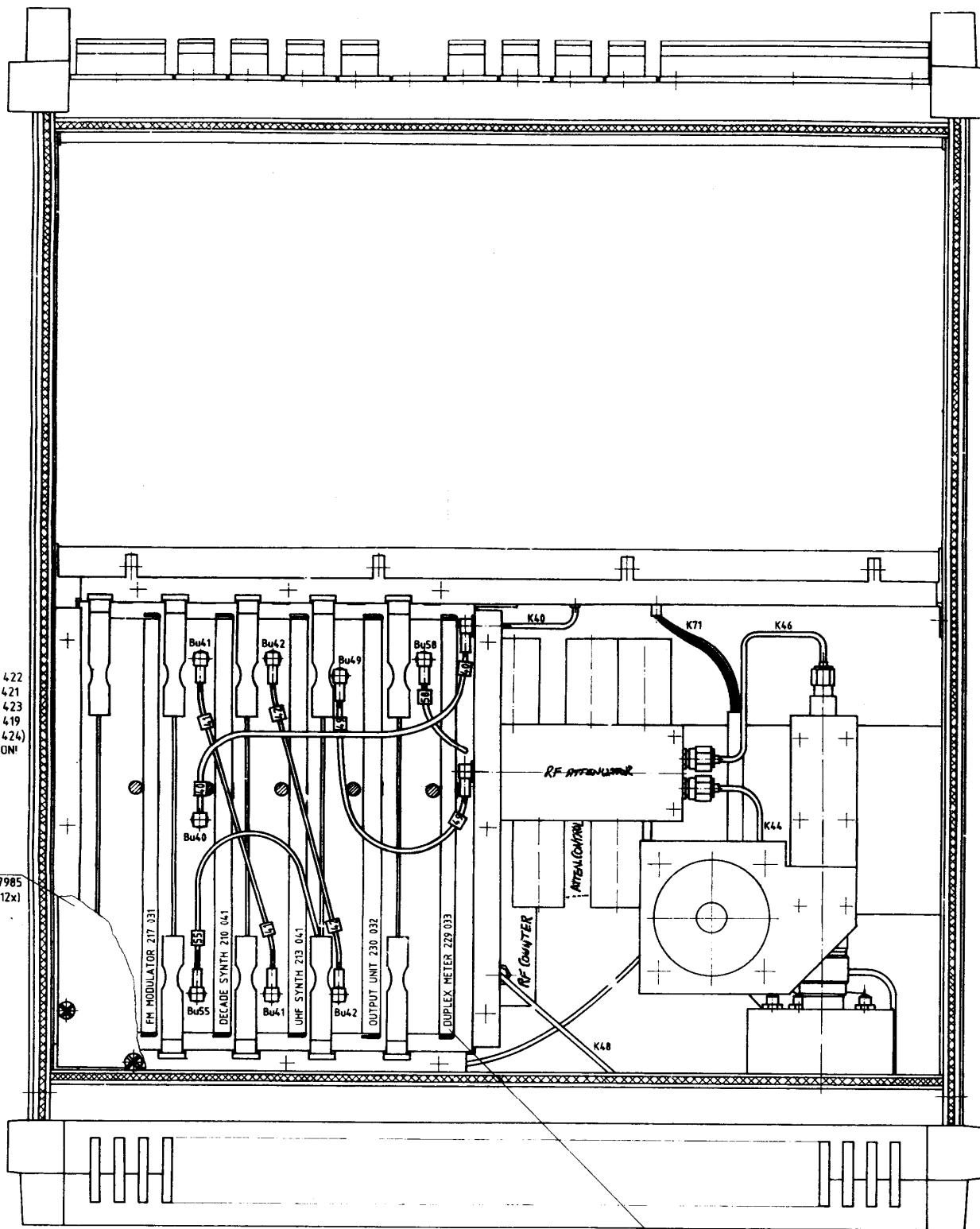
u. Zubehör

siehe	
el Kit	378 256
	378 257
che Kit	378 258
ARD	236 033

○ Kontrollmaß

10				Schlumberger Med Ingoistadter Str. 8000 Munch
09				
08				1:2,5
07				COMMUN
06				Typ: 4031 TEST
05				108 80
04				
03				
02				
01	0000 70 20 A 00			
Aut.	Andr.	Datum	Name	
0000	0000	0000	0000	

Gerät:

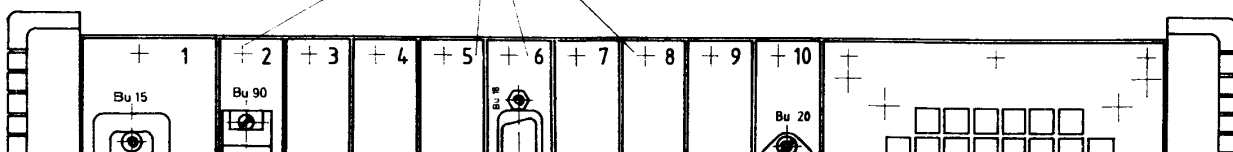


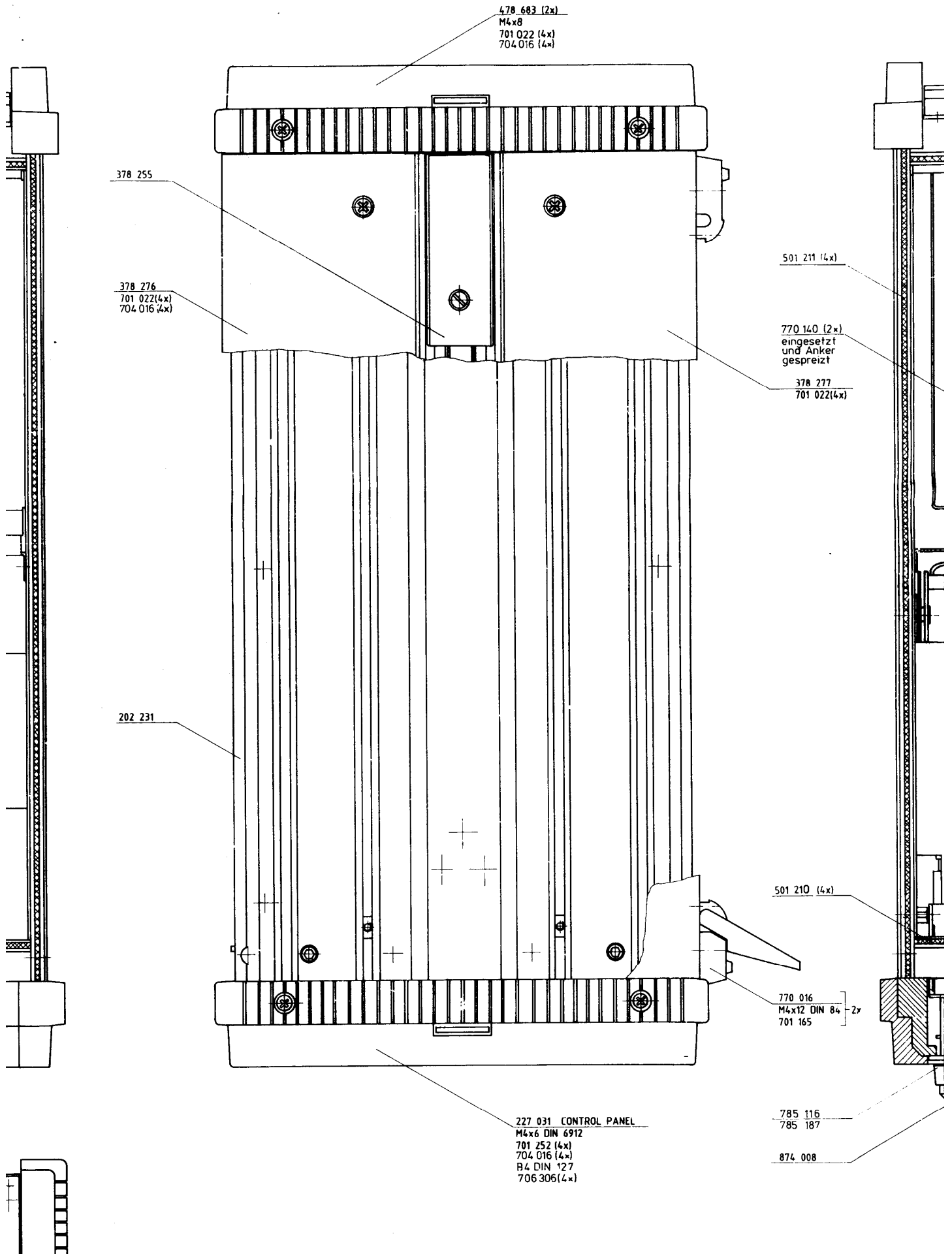
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 - 41 =382 421
 - 42 =382 423
 - 49 =382 419
 - 58 =382 424
- OPTION!

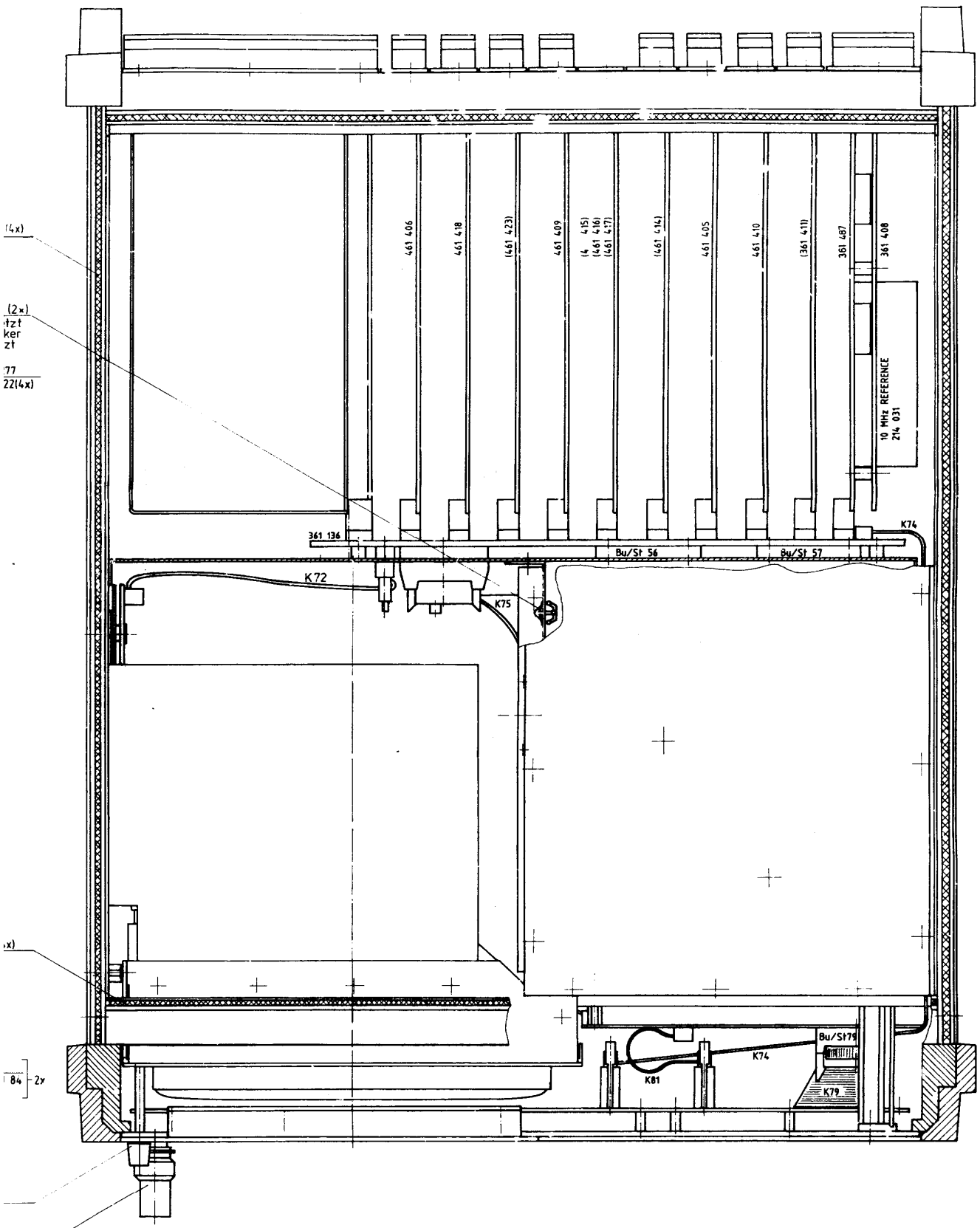
431 612
M3x6 DIN7985
701 640 (12x)

300 666 (4x)
Darstellung entspricht jedoch
den eingebauten Optionen

OPTION !







(4x)

(2x)
izt
ker
zt
77
22(4x)

(x)

84 - 27

461 406

461 418

(461 423)

461 409

(4 415)

(461 416)

(461 417)

(461 414)

461 405

461 410

(361 411)

361 407

361 408

10 MHz REFERENCE
274 031

361 136

K74

Bu/SI 56

Bu/SI 57

K72

K75

Bu/SI 79

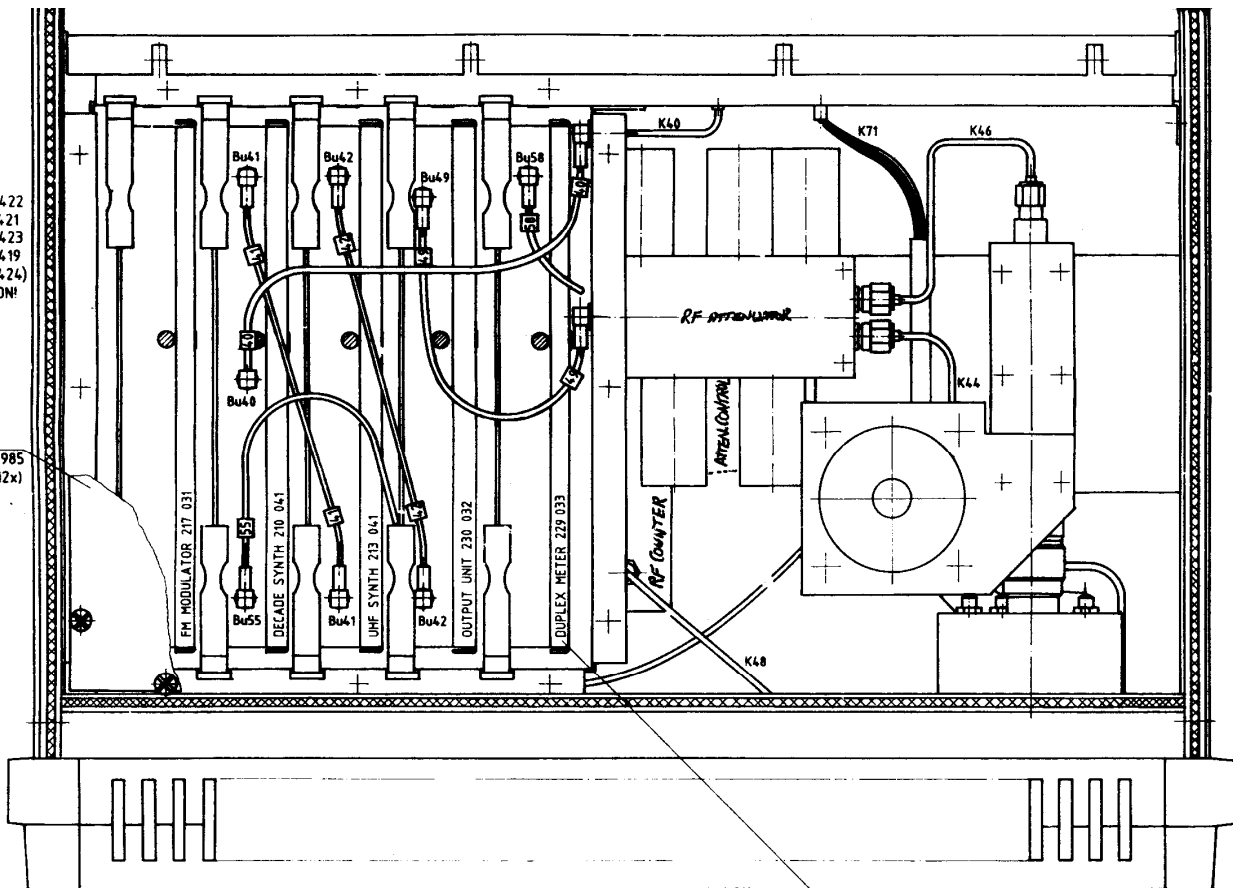
K81

K74

K79

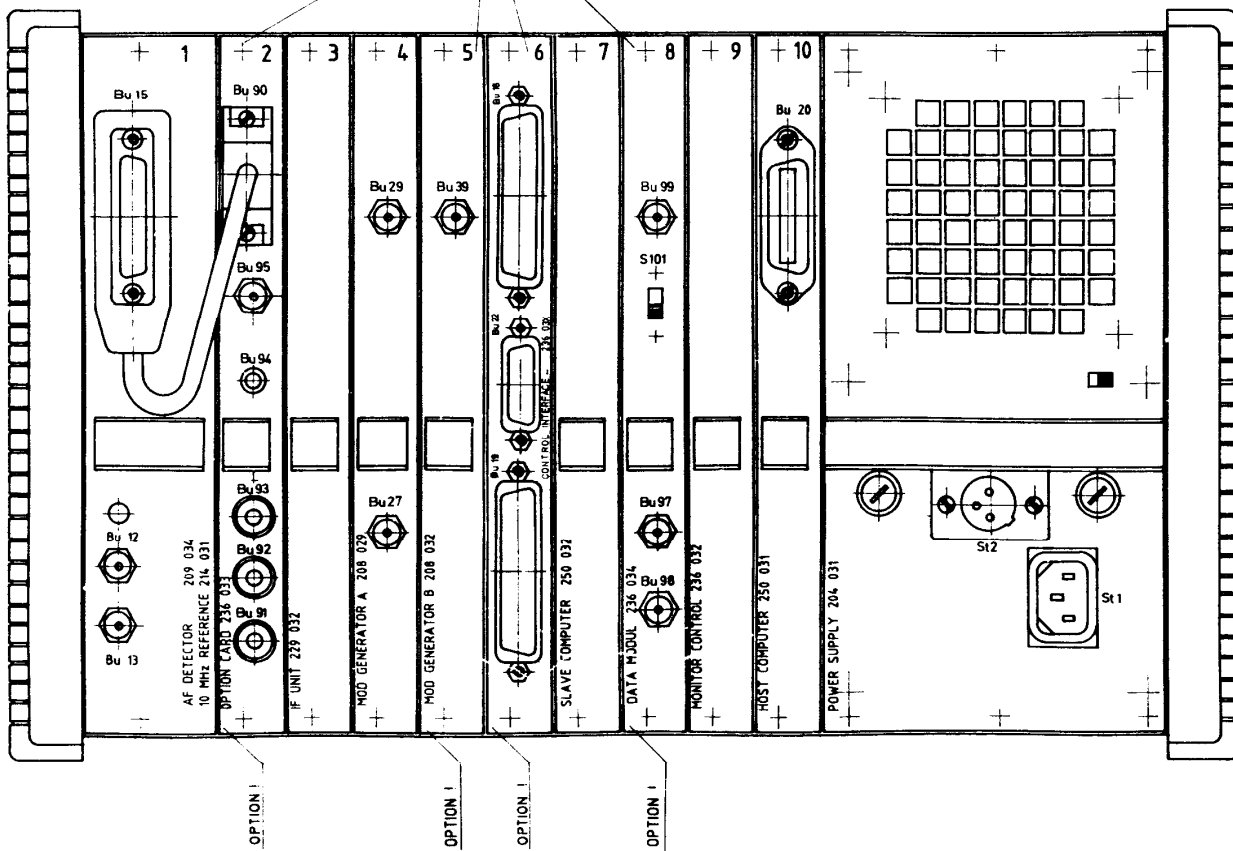
- 42 = 382 422
- 41 = 382 421
- 40 = 382 423
- 39 = 382 419
- 38 = 382 424
- OPTION!

431 612
M3x6 DIN7985
701 640 (12x)



300 666 (4x)
Darstellung entspricht jedoch
den eingebauten Optionen

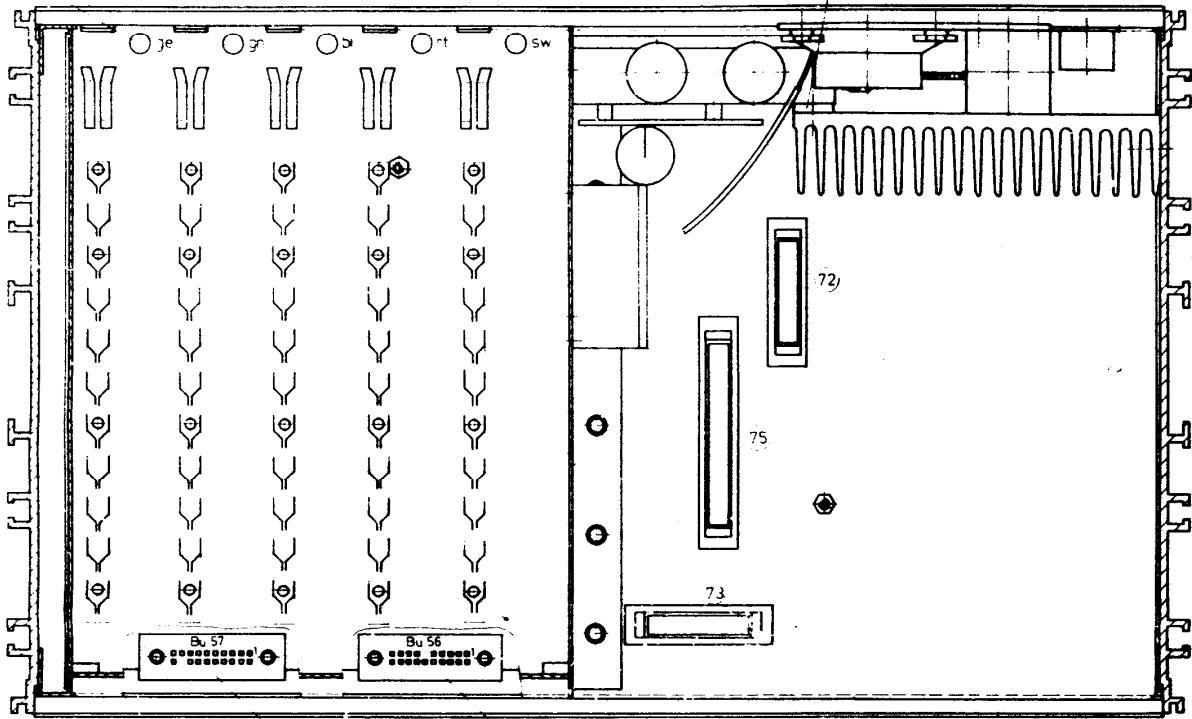
OPTION !



031
 032
 033
 034
 035

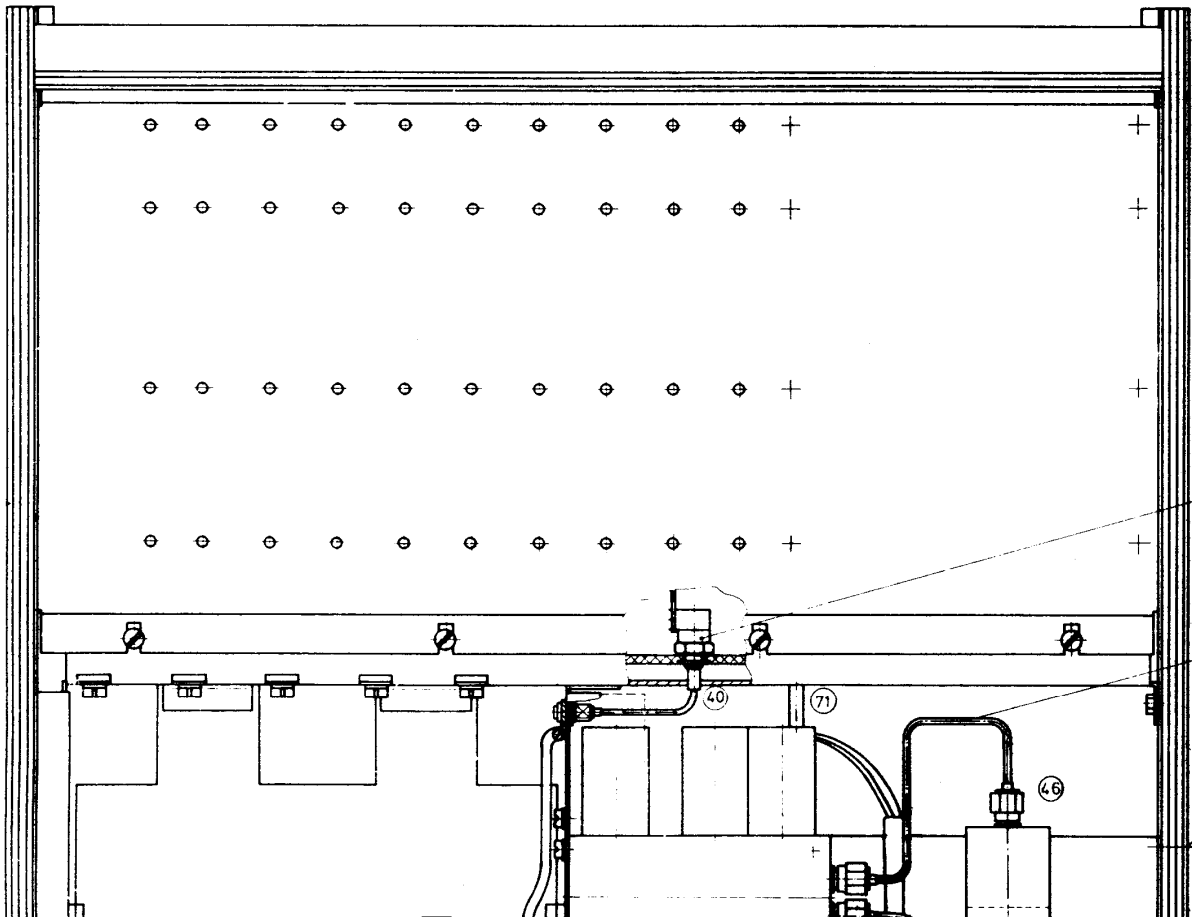
Struktur C-D

501 354
 M2,5x25 DIN 84
 701 342 } 2x



361 453

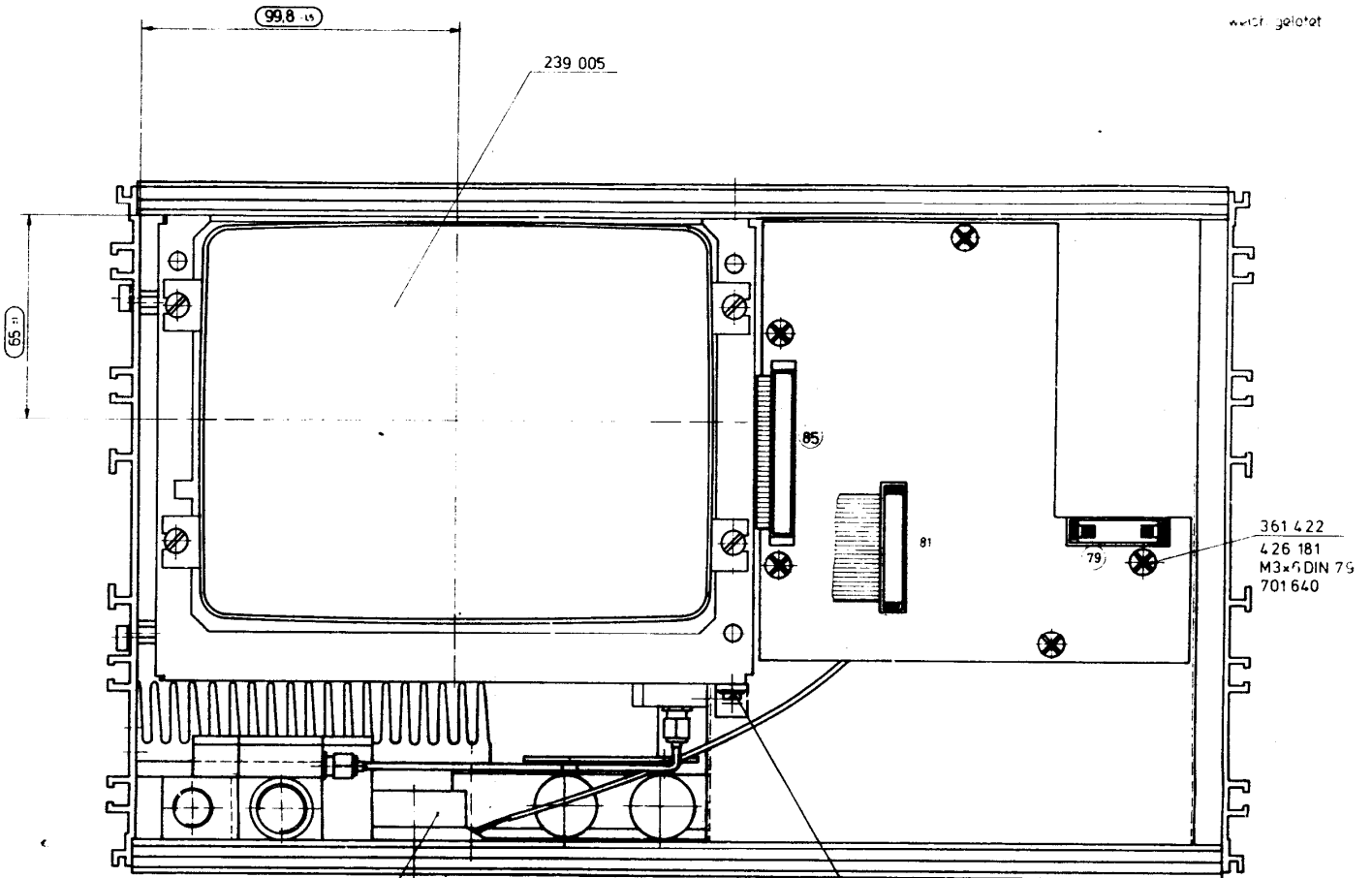
361 452



382 414
 706 407
 404 054

382 416
 382 436

M3x6 DI
 701 640
 J 3.2 DIN
 706 105



- 855 007
- 430 115
- 405 071 (4x)
- 705 323 (2x) zwischen Dämpfungsglied u. LS-Montageplatte montiert
- M3 x 6 DIN 7985
- 701 640 (4x)
- M3 x 35 DIN 84
- 701 156 (2x)
- J 32 DIN 6797
- 706 105 (6x)

- M 3x5 DIN 84
- 701 144
- J 32 DIN 6797
- 706 105

A

