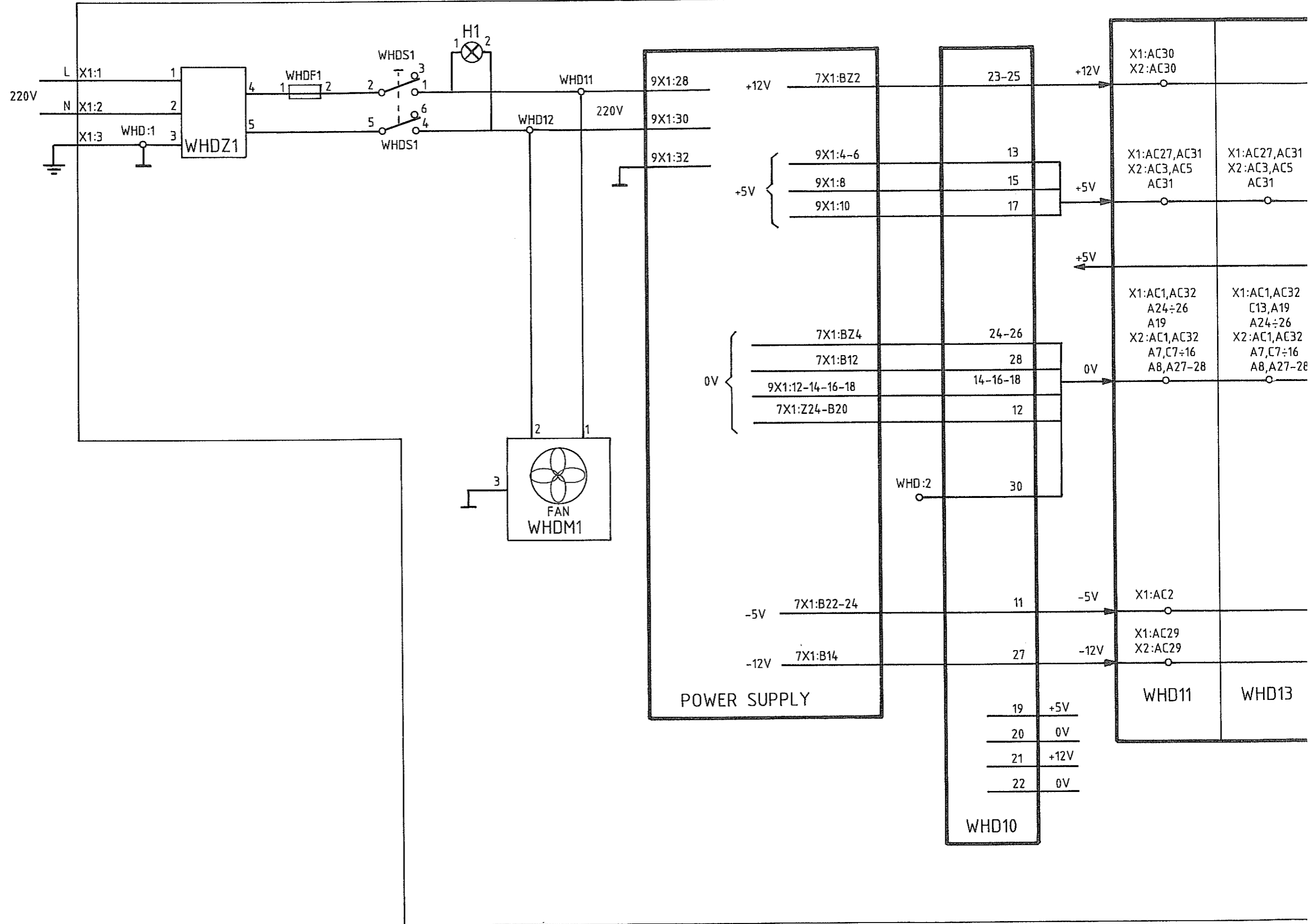
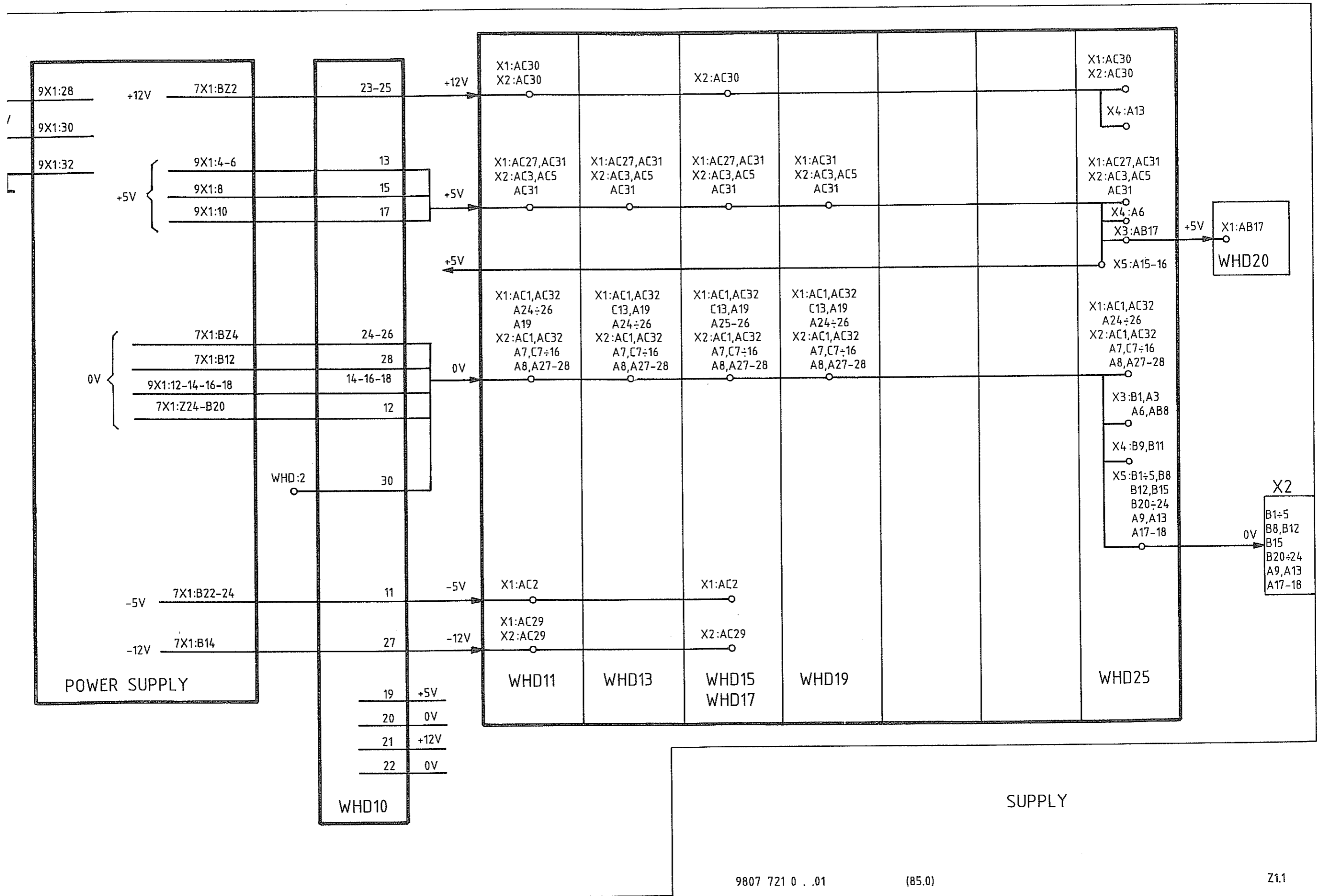


Section Z

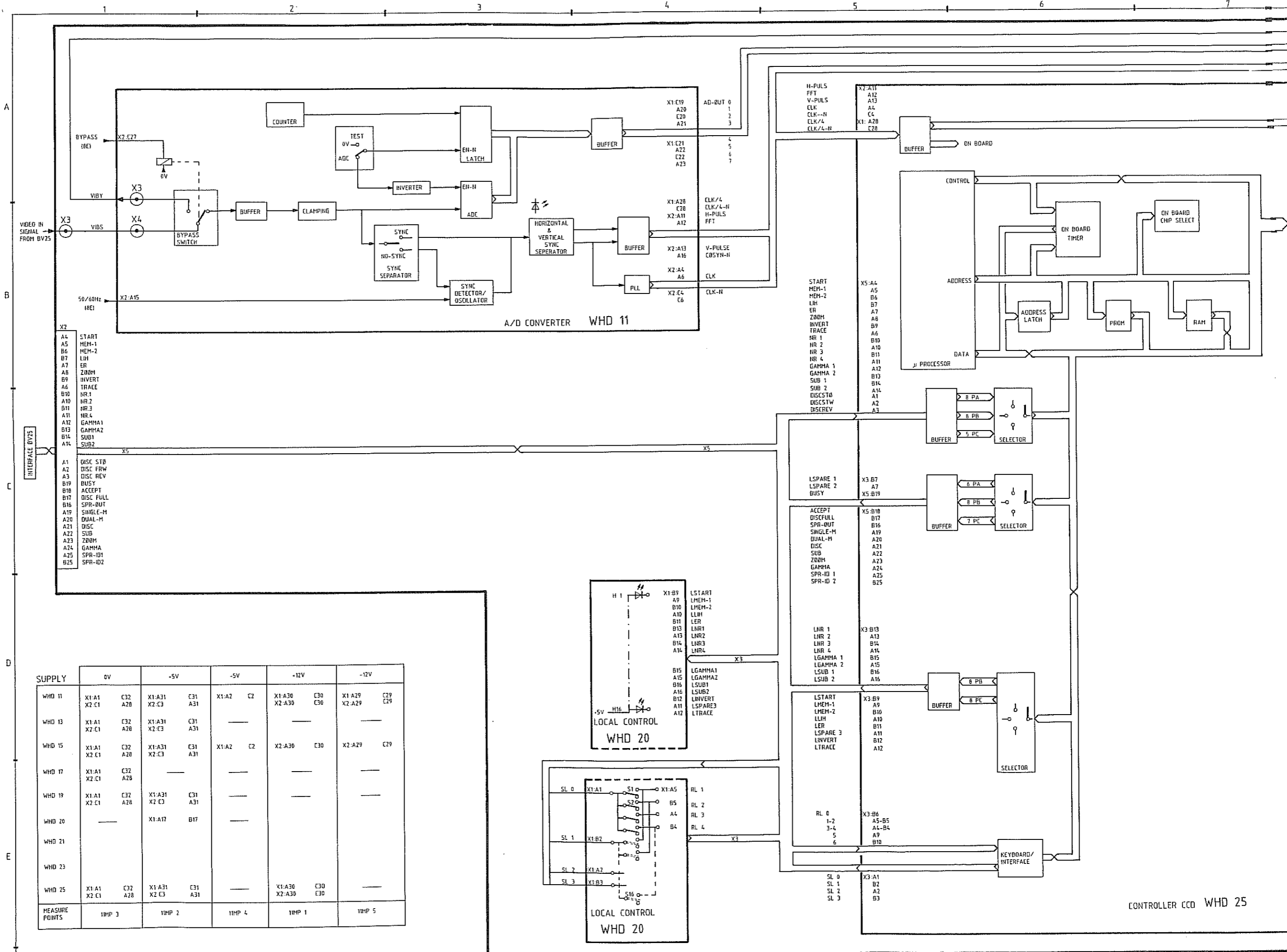
Scopofix MDP





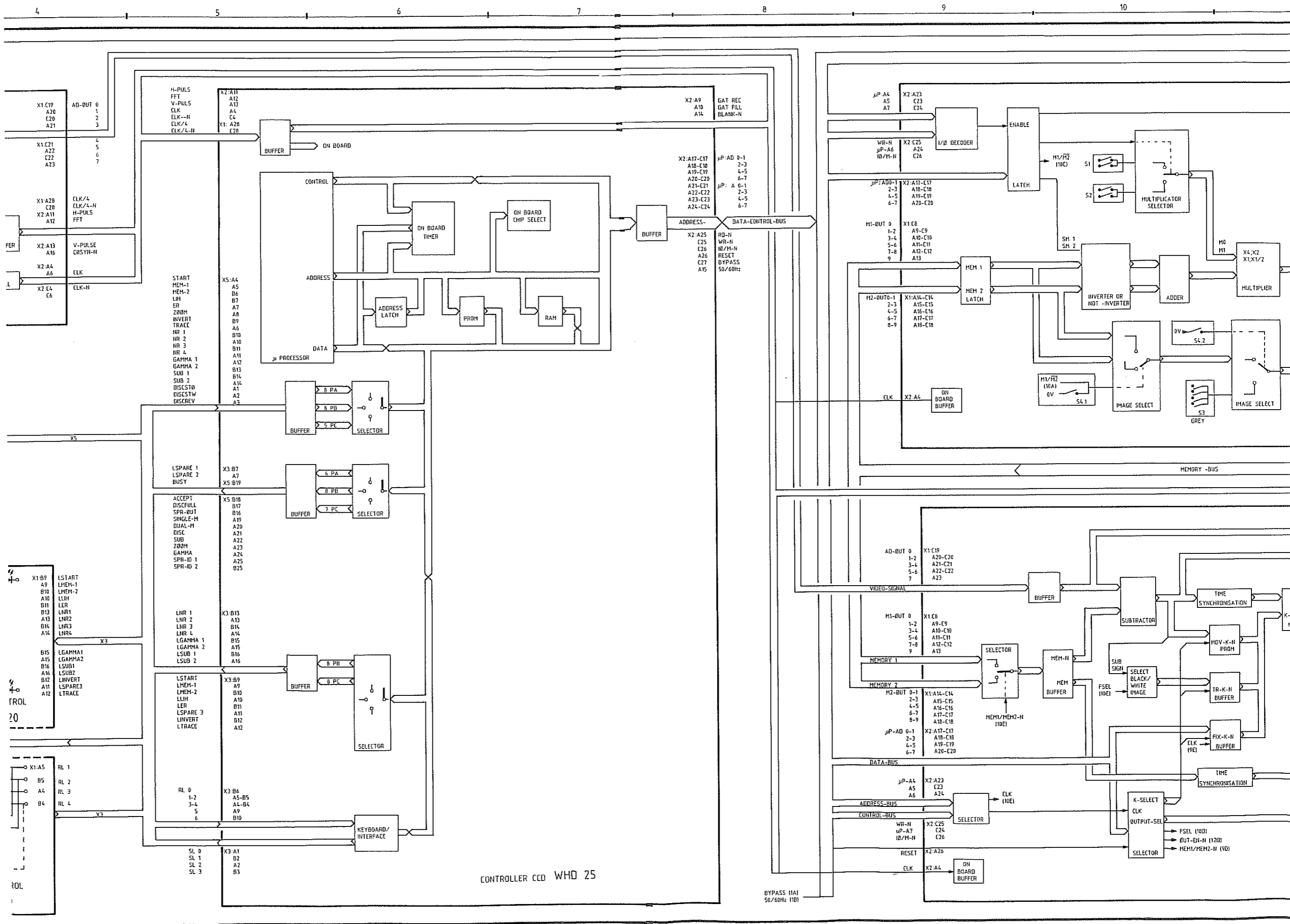
Section z

Scopofix MDP



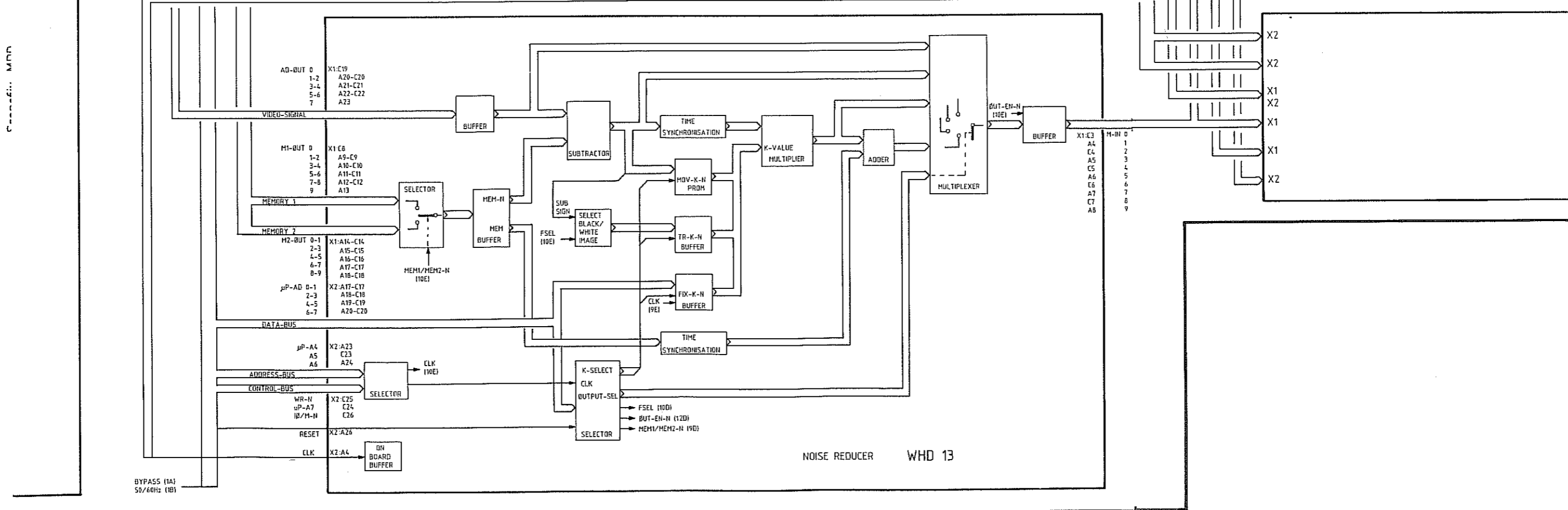
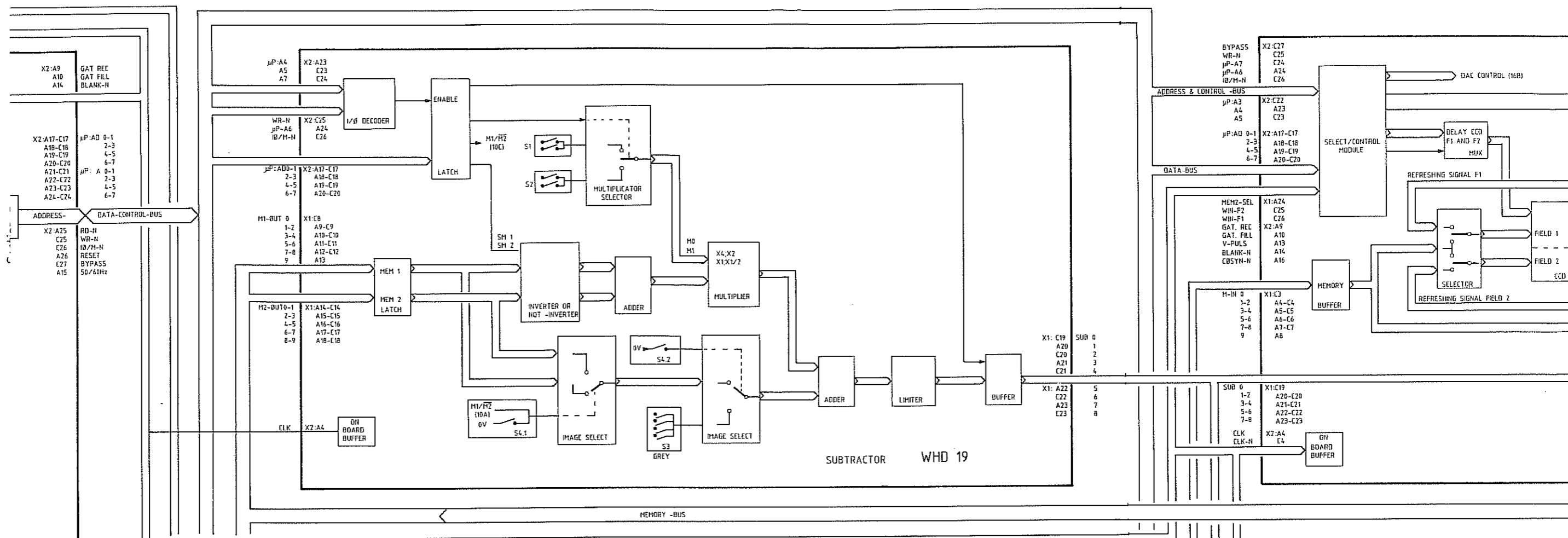
SUPPLY	0V	-5V	-5V	+12V	-12V
WHD 11	X1:A1 X2:C1	X1:A31 X2:C3	X1:A2 C2	X1:A30 X2:A30	X1:A29 X2:A29
WHD 13	X1:A1 X2:C1	X1:A31 X2:C3	---	---	---
WHD 15	X1:A1 X2:C1	X1:A31 X2:C3	X1:A2 C2	X2:A30 C30	X2:A29 C29
WHD 17	X1:A1 X2:C1	X2:A28	---	---	---
WHD 19	X1:A1 X2:C1	X1:A31 X2:C3	---	---	---
WHD 20	---	X1:A17	B17	---	---
WHD 21	---	---	---	---	---
WHD 23	---	---	---	---	---
WHD 25	X1:A1 X2:C1	X1:A31 X2:C3	---	X1:A30 X2:A30	C30
MEASURE POINTS	11MP 3	11MP 2	11MP 4	11MP 1	11MP 5

CONTROLLER CCD WHD 25

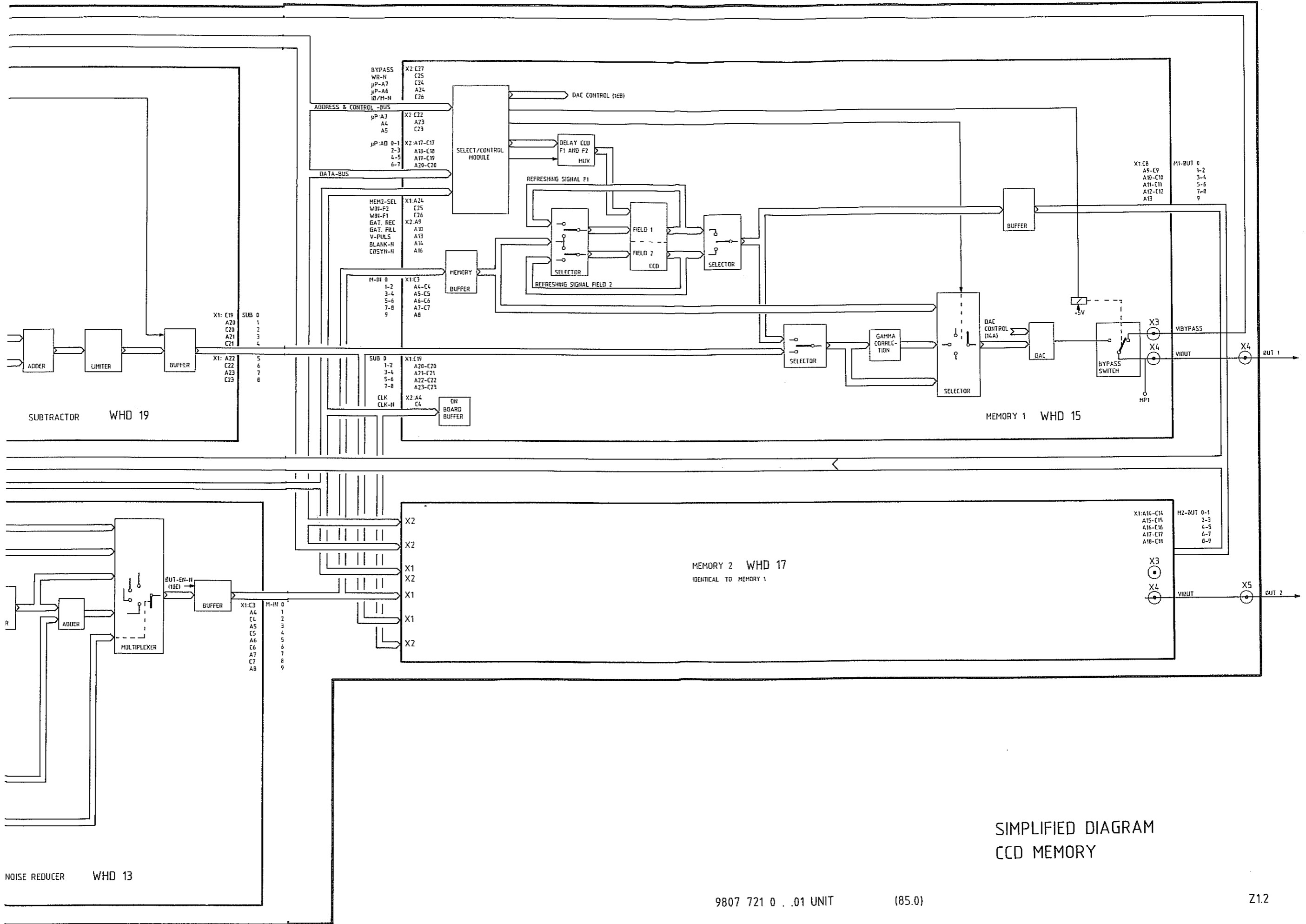


CONTROLLER CCD WHD 25

BYPASS (1A)
50/60Hz (1B)



Continued...



SIMPLIFIED DIAGRAM
CCD MEMORY

SEQUENCE OF MNEMONICS

SUB 7	WHD23X2:A10	GAT-FILL	WHD25X1:A24	OV
JV	WHD23X2:A11	H PUL5	WHD25X1:A25	OV
JV	WHD23X2:A12	FFT	WHD25X1:A26	OV
JV	WHD23X2:A13	V PUL5	WHD25X1:A27	+5V
+5V	WHD23X2:A14	BLANK-N	WHD25X1:A28	CLK/4
CLK/4	WHD23X2:A15	50HZ	WHD25X1:A29	-12V
-12V	WHD23X2:A17	UP-AD 2	WHD25X1:A30	+12V
+12V	WHD23X2:A19	UP-AD 2	WHD25X1:A31	+5V
+5V	WHD23X2:A20	UP-AD 4	WHD25X1:A32	OV
JV	WHD23X2:A21	UP-AD 6	WHD25X1:C24	WFI-F0-N
M1-OUT 4	WHD23X2:A22	UP-AD 2	WHD25X1:C25	WFI-F2
M1-OUT 8	WHD23X2:A23	UP-AD 4	WHD25X1:C27	+5V
M2-OUT 1	WHD23X2:A24	UP-AD 6	WHD25X1:C28	CLK/4-N
M2-OUT 3	WHD23X2:A25	UP-AD 2	WHD25X1:C29	-12V
M2-OUT 5	WHD23X2:A26	UP-AD 4	WHD25X1:C30	+12V
M2-OUT 7	WHD23X2:A27	UP-AD 2	WHD25X1:C31	+5V
M2-OUT 9	WHD23X2:A28	UP-AD 4	WHD25X1:C32	OV
SUB 3	WHD23X2:A29	-12V	WHD25X2:A1	OV
SUB 2	WHD23X2:A30	+12V	WHD25X2:A2	SPARE 1
SUB 4	WHD23X2:A31	+5V	WHD25X2:A3	+5V
SUB 6	WHD23X2:A32	OV	WHD25X2:A4	CLK
SUB 8	WHD23X2:C13	OV	WHD25X2:A5	+5V
WFI-F3-N	WHD23X2:C11	OV	WHD25X2:A6	SPARE 3
WFI-F2	WHD23X2:C12	OV	WHD25X2:A7	OV
WFI-F1	WHD23X2:C13	OV	WHD25X2:A8	OV
+5V	WHD23X2:C14	OV	WHD25X2:A9	GAT.REC
CLK/4-N	WHD23X2:C15	OV	WHD25X2:C1	OV
-12V	WHD23X2:C16	OV	WHD25X2:C2	SPARE 2
+12V	WHD23X2:C17	UP-AD 1	WHD25X2:C3	+5V
WHD23X2:C18	UP-AD 3	WHD25X2:C4	CLK-N	OV
JV	WHD23X2:C19	UP-AD 5	WHD25X2:C5	+5V
JV	WHD23X2:C20	UP-AD 7	WHD25X2:C6	SPARE 4
SPARE 1	WHD23X2:C21	UP-A1	WHD25X2:C7	OV
SPARE 2	WHD23X2:C22	UP-A3	WHD25X2:C8	OV
CLK	WHD23X2:C23	UP-A5	WHD25X2:C9	OV
+5V	WHD23X2:C24	UP-A7	WHD25X2:A10	GAT.FILL
SPARE 3	WHD23X2:C25	WR-N	WHD25X2:A11	H PUL5
JV	WHD23X2:C26	ICPM-N	WHD25X2:A12	FFT
GAT.REC	WHD23X2:C27	BYPASS 5	WHD25X2:A13	V PUL5
JV	WHD23X2:C28	SPARE 5	WHD25X2:A14	BLANK-N
JV	WHD23X2:C29	-12V	WHD25X2:A15	50HZ
SPARE 2	WHD23X2:C30	+12V	WHD25X2:A17	UP-AD 0
+5V	WHD23X2:C31	+5V	WHD25X2:A18	UP-AD 2
CLK-N	WHD23X2:C32	OV	WHD25X2:A19	UP-AD 4
+5V	WHD25X1:A1	OV	WHD25X2:A20	UP-AD 6
SPARE 4	WHD25X1:A2	-5V	WHD25X2:A21	UP-AD 0
JV	WHD25X1:A3	SPARE 0	WHD25X2:A22	UP-AD 2
JV	WHD25X1:C1	OV	WHD25X2:A23	UP-AD 4
JV	WHD25X1:C2	-5V	WHD25X2:A24	UP-AD 6

OV	WHD10:A12	WHD10:A14	WHD10:A16	WHD10:A18	-
-	WHD10:A20	WHD10:A22	WHD10:A24	WHD10:A26	-
-	WHD10:A28	WHD10:A30	WHD10:A32	WHD10:A34	-
-	WHD10:A36	WHD10:A38	WHD10:A40	WHD10:A42	-
-	WHD10:A44	WHD10:A46	WHD10:A48	WHD10:A50	-
-	WHD10:A52	WHD10:A54	WHD10:A56	WHD10:A58	-
-	WHD10:A60	WHD10:A62	WHD10:A64	WHD10:A66	-
-	WHD10:A68	WHD10:A70	WHD10:A72	WHD10:A74	-
-	WHD10:A76	WHD10:A78	WHD10:A80	WHD10:A82	-
-	WHD10:A84	WHD10:A86	WHD10:A88	WHD10:A90	-
-	WHD10:A92	WHD10:A94	WHD10:A96	WHD10:A98	-
-	WHD10:A100	WHD10:A102	WHD10:A104	WHD10:A106	-
-	WHD10:A108	WHD10:A110	WHD10:A112	WHD10:A114	-
-	WHD10:A116	WHD10:A118	WHD10:A120	WHD10:A122	-
-	WHD10:A124	WHD10:A126	WHD10:A128	WHD10:A130	-
-	WHD10:A132	WHD10:A134	WHD10:A136	WHD10:A138	-
-	WHD10:A140	WHD10:A142	WHD10:A144	WHD10:A146	-
-	WHD10:A148	WHD10:A150	WHD10:A152	WHD10:A154	-
-	WHD10:A156	WHD10:A158	WHD10:A160	WHD10:A162	-
-	WHD10:A164	WHD10:A166	WHD10:A168	WHD10:A170	-
-	WHD10:A172	WHD10:A174	WHD10:A176	WHD10:A178	-
-	WHD10:A180	WHD10:A182	WHD10:A184	WHD10:A186	-
-	WHD10:A188	WHD10:A190	WHD10:A192	WHD10:A194	-
-	WHD10:A196	WHD10:A198	WHD10:A200	WHD10:A202	-
-	WHD10:A204	WHD10:A206	WHD10:A208	WHD10:A210	-
-	WHD10:A212	WHD10:A214	WHD10:A216	WHD10:A218	-
-	WHD10:A220	WHD10:A222	WHD10:A224	WHD10:A226	-
-	WHD10:A228	WHD10:A230	WHD10:A232	WHD10:A234	-
-	WHD10:A236	WHD10:A238	WHD10:A240	WHD10:A242	-
-	WHD10:A244	WHD10:A246	WHD10:A248	WHD10:A250	-
-	WHD10:A252	WHD10:A254	WHD10:A256	WHD10:A258	-
-	WHD10:A260	WHD10:A262	WHD10:A264	WHD10:A266	-
-	WHD10:A268	WHD10:A270	WHD10:A272	WHD10:A274	-
-	WHD10:A276	WHD10:A278	WHD10:A280	WHD10:A282	-
-	WHD10:A284	WHD10:A286	WHD10:A288	WHD10:A290	-
-	WHD10:A292	WHD10:A294	WHD10:A296	WHD10:A298	-
-	WHD10:A300	WHD10:A302	WHD10:A304	WHD10:A306	-
-	WHD10:A308	WHD10:A310	WHD10:A312	WHD10:A314	-
-	WHD10:A316	WHD10:A318	WHD10:A320	WHD10:A322	-
-	WHD10:A324	WHD10:A326	WHD10:A328	WHD10:A330	-
-	WHD10:A332	WHD10:A334	WHD10:A336	WHD10:A338	-
-	WHD10:A340	WHD10:A342	WHD10:A344	WHD10:A346	-
-	WHD10:A348	WHD10:A350	WHD10:A352	WHD10:A354	-
-	WHD10:A356	WHD10:A358	WHD10:A360	WHD10:A362	-
-	WHD10:A364	WHD10:A366	WHD10:A368	WHD10:A370	-
-	WHD10:A372	WHD10:A374	WHD10:A376	WHD10:A378	-
-	WHD10:A380	WHD10:A382	WHD10:A384	WHD10:A386	-
-	WHD10:A388	WHD10:A390	WHD10:A392	WHD10:A394	-
-	WHD10:A396	WHD10:A398	WHD10:A400	WHD10:A402	-
-	WHD10:A404	WHD10:A406	WHD10:A408	WHD10:A410	-
-	WHD10:A412	WHD10:A414	WHD10:A416	WHD10:A418	-
-	WHD10:A420	WHD10:A422	WHD10:A424	WHD10:A426	-
-	WHD10:A428	WHD10:A430	WHD10:A432	WHD10:A434	-
-	WHD10:A436	WHD10:A438	WHD10:A440	WHD10:A442	-
-	WHD10:A444	WHD10:A446	WHD10:A448	WHD10:A450	-
-	WHD10:A452	WHD10:A454	WHD10:A456	WHD10:A458	-
-	WHD10:A460	WHD10:A462	WHD10:A464	WHD10:A466	-
-	WHD10:A468	WHD10:A470	WHD10:A472	WHD10:A474	-
-	WHD10:A476	WHD10:A478	WHD10:A480	WHD10:A482	-
-	WHD10:A484	WHD10:A486	WHD10:A488	WHD10:A490	-
-	WHD10:A492	WHD10:A494	WHD10:A496	WHD10:A498	-
-	WHD10:A500	WHD10:A502	WHD10:A504	WHD10:A506	-
-	WHD10:A508	WHD10:A510	WHD10:A512	WHD10:A514	-
-	WHD10:A516	WHD10:A518	WHD10:A520	WHD10:A522	-
-	WHD10:A524	WHD10:A526	WHD10:A528	WHD10:A530	-
-	WHD10:A532	WHD10:A534	WHD10:A536	WHD10:A538	-
-	WHD10:A540	WHD10:A542	WHD10:A544	WHD10:A546	-
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-	WHD10:A572	WHD10:A574	WHD10:A576	WHD10:A578	-
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-	WHD10:A596	WHD10:A598	WHD10:A600	WHD10:A602	-
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-	WHD10:A612	WHD10:A614	WHD10:A616	WHD10:A618	-
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-	WHD10:A644	WHD10:A646	WHD10:A648	WHD10:A650	-
-	WHD10:A652	WHD10:A654	WHD10:A656	WHD10:A658	-
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-	WHD10:A708	WHD10:A710	WHD10:A712	WHD10:A714	-
-	WHD10:A716	WHD10:A718	WHD10:A720	WHD10:A722	-
-	WHD10:A724	WHD10:A726	WHD10:A728	WHD10:A730	-
-	WHD10:A732	WHD10:A734	WHD10:A736	WHD10:A738	-
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-	WHD10:A748	WHD10:A750	WHD10:A752	WHD10:A754	-
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-	WHD10:A764	WHD10:A766	WHD10:A768	WHD10:A770	-
-	WHD10:A772	WHD10:A774	WHD10:A776	WHD10:A778	-
-	WHD10:A780	WHD10:A782	WHD10:A784	WHD10:A786	-
-	WHD10:A788	WHD10:A790	WHD10:A792	WHD10:A794	-
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-	WHD10:A820	WHD10:A822	WHD10:A824	WHD10:A826	-
-	WHD10:A828	WHD10:A830	WHD10:A832	WHD10:A834	-
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-	WHD10:A844	WHD10:A846	WHD10:A848	WHD10:A850	-
-	WHD10:A852	WHD10:A854	WHD10:A856	WHD10:A858	-
-	WHD10:A860	WHD10:A862	WHD10:A864	WHD10:A866	-
-	WHD10:A868	WHD10:A870	WHD10:A872	WHD10:A874	-
-	WHD10:A876	WHD10:A878	WHD10:A880	WHD10:A882	-
-	WHD10:A884	WHD10:A886	WHD10:A888	WHD10:A890	-
-	WHD10:A892	WHD10:A894	WHD10:A896	WHD10:A898	-
-	WHD10:A900	WHD10:A902	WHD10:A904	WHD10:A906	-
-	WHD10:A908	WHD10:A910	WHD10:A912	WHD10:A914	-
-	WHD10:A916	WHD10:A918	WHD10:A920	WHD10:A922	-
-	WHD10:A924	WHD10:A926	WHD10:A928	WHD10:A930	-
-	WHD10:A932	WHD10:A934	WHD10:A936	WHD10:A938	-
-	WHD10:A940	WHD10:A942	WHD10:A944	WHD10:A946	-
-	WHD10:A948	WHD10:A950	WHD10:A952	WHD10:A954	-
-	WHD10:A956	WHD10:A958	WHD10:A960	WHD10:A962	-
-	WHD10:A964	WHD10:A966	WHD10:A968	WHD10:A970	-
-	WHD10:A972	WHD10:A974	WHD10:A976	WHD10:A978	-
-	WHD10:A980	WHD10:A982	WHD10:A984	WHD10:A986	-
-	WHD10:A988	WHD10:A990	WHD10:A992	WHD10:A994	-
-	WHD10:A996	WHD10:A998	WHD10:A1000	WHD10:A1002	-

BYPASS	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
CLK	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
CLK-N	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
CLK/4	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
CLK/4-N	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
COSYN-N	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
FFT	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
GAT.FILL	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
-	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27	-
GAT.REC	WHD11A2:C27	WHD11A2:C27	WHD11A2:C27		