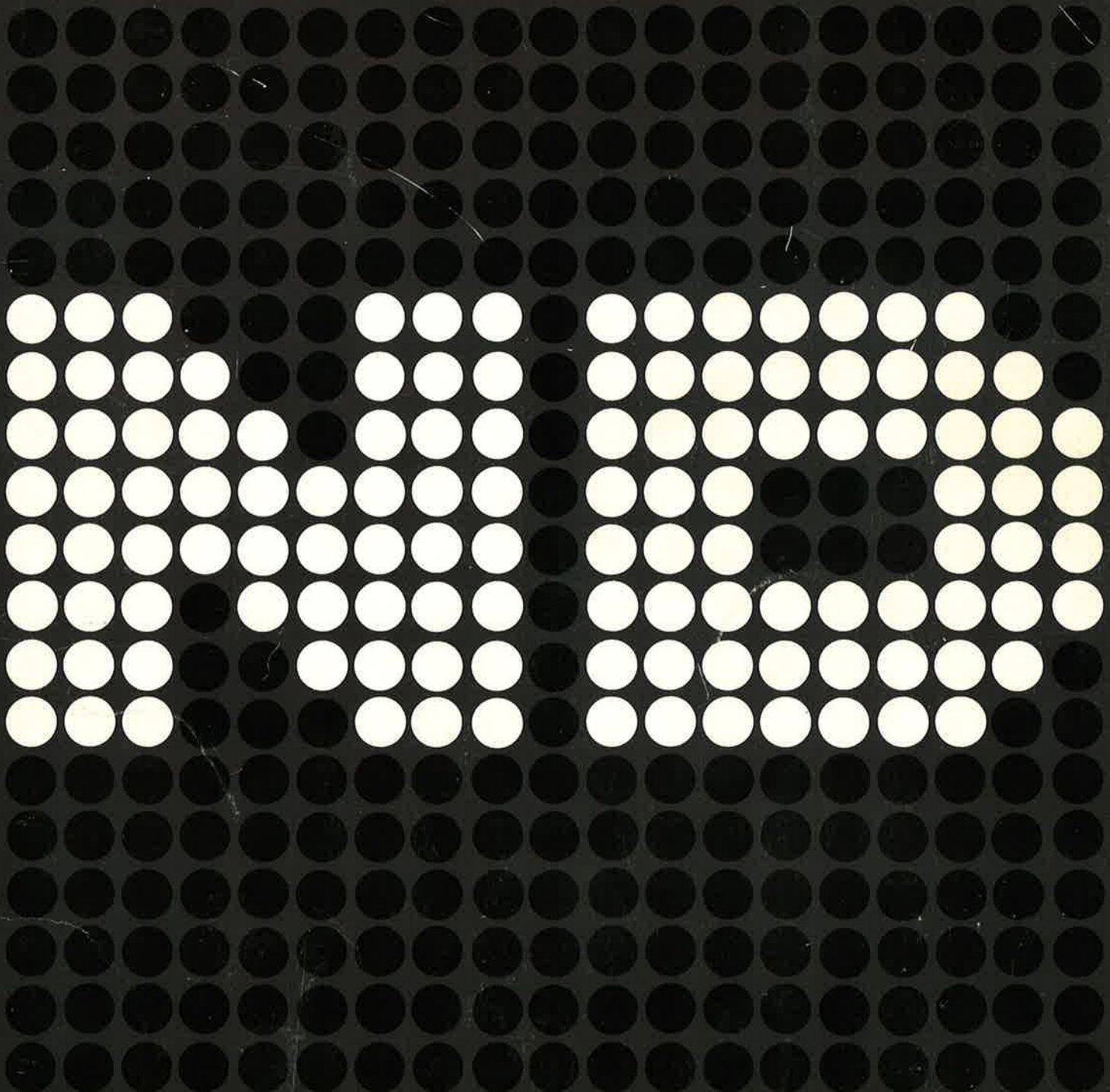


BACKWIRING TIL NORD-10

A/S NORSK DATA-ELEKTRONIKK



BACKWIRING TIL NORD-10

CONNECTOR SPECIFICATION LIST

SHELF/CONN. NUMB.	CONN. DESIGN.	PIN SEQUEN.	COORDINATES		PIN RANGE	PIN DIST.	BOARD NAME
			X	Y			
101	A01	6	0	0	0-99	0	STATUS
102	A02	6	0	0	0-99	0	ARITMETICB
103	A03	6	0	0	0-99	0	ARITMETICA
104	A04	6	0	0	0-99	0	REGISTERS
105	A05	6	0	0	0-99	0	REGISTERS
106	A06	6	0	0	0-99	0	REGISTERS
107	A07	6	0	0	0-99	0	REGISTERS
108	A08	6	0	0	0-99	0	DECODING
109	A09	6	0	0	0-99	0	OR LOGIC
110	A10	6	0	0	0-99	0	1K PROM
111	A11	6	0	0	0-99	0	MICRO ADDR.
112	A12	6	0	0	0-99	0	TIMING
113	A13	6	0	0	0-99	0	MEM.CONTROL
114	A14	6	0	0	0-99	0	PAGING
115	A15	6	0	0	0-99	0	INTERR.CONT.
116	A16	6	0	0	0-99	0	INTERR.REG.
117	A17	6	0	0	0-99	0	PANEL DRIVER
118	A18	6	0	0	0-99	0	MEM.ADDRESS
119	A19	6	0	0	0-99	0	MEM.DATA
120	A20	6	0	0	0-99	0	MEM.ADDRESS
121	A21	6	0	0	0-99	0	MEM.DATA
122	A22	6	0	0	0-99	0	I/O CONTROL
123	A23	6	0	0	0-99	0	I/O ADDRESS
124	A24	6	0	0	0-99	0	I/O DATA
125	A25	6	0	0	0-90	0	I/O DEVICE
126	A26	6	0	0	0-99	0	I/O DEVICE
127	A27	6	0	0	0-99	0	I/O DEVICE
128	A28	6	0	0	0-99	0	I/O DEVICE
129	A29	6	0	0	0-99	0	I/O DEVICE
130	A30	6	0	0	0-99	0	I/O DEVICE
131	A31	6	0	0	0-99	0	I/O DEVICE
132	A32	6	0	0	0-99	0	I/O DEVICE

CONNECTOR LIST

CONNECTOR: 101 DESIGNATION: A01 BOARD NAME: STATUS
PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	BSUM1	0	68	G	STS0	0
01			35	BSUM4	0	69		MIR9	1
02			36	BSUM5	0	70			
03			37	MIR15	1	71	G	STS4	1
04	W	IB1	38	ARM	1	72			
05	W	IB0	39	LEV0	0	73			
06	W	IB2	40	BSUM2	0	74			
07	W	IB3	41	LEV1	0	75		MIR10	1
08		S0	42	BSUM6	0	76			
09		S1	43	WSHC	0	77	G	STS1	1
10	G	SHC1	44	STSRD	0	78			
11	G	SHC0	45	SHCKL	1	79	G	STS5	1
12	G	BCR0	46	G BSHM	0	80			
13	G	SHC2	47	G ASHM	0	81			
14		AC0	48	BSUM3	0	82		SKL	1
15		BSH0	49	CRSEL0	0	83	G	PCR32	1
16	G	ACR0	50	BSUM7	0	84		MIR8	1
17		ASH0	51	MIR19	1	85	G	STS2	1
18	G	ASHX	52	BC15	0	86		LEV3	0
19	G	BSHX	53	CRSEL1	0	87	G	STS6	1
20	G	SHC4	54	BSUM15	0	88		LEV2	0
21	G	SHC3	55	G SHC5	0	89		WSTS	0
22		MIR14	56	T1	0	90		BMIR31	0
23		BCKL	57	BZERO	1	91	G	TRUE	1
24		MIR3	58	BCR16	1	92		ASH15	0
25		MIR1	59	ACR16	1	93	G	STS3	1
26	W	IB5	60	B15	0	94		BSH15	0
27	W	IB4	61	A15	0	95	G	STS7	1
28		MIR2	62	AZERO	1	96			
29	W	IB6	63			97			
30		MIR12	64	BSH6	0	98			
31		MIR13	65	G TERM	0	99			
32	W	IB7	66						
33		BSUM0	67	G Z	0				

CONNECTOR LIST

CONNECTOR: 102 DESIGNATION: A02 BOARD NAME: ARITMETICB

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34			68	AA12 0
01			35	G BSUM5 0		69	BB8 0
02			36	SL0 0		70	AA1 0
03			37	G BSUM9 0		71	BB13 0
04	S2 0		38	ARM 1		72	AA5 0
05	S1 0		39	G BSUM13 0		73	BB1 0
06	S3 0		40			74	AA9 0
07	S0 0		41	G BSUM2 0		75	BB5 0
08	SHC0 0		42			76	AA13 0
09	SHC1 0		43	G BSUM6 0		77	BB9 0
10	SHC2 0		44	SL1 0		78	AA2 0
11	AC15 1		45	G BSUM10 0		79	BB14 0
12	BCR0 1		46	BSHM 0		80	AA6 0
13	G BCU 0		47	G BSUM14 0		81	BB2 0
14	G BSH0 0		48			82	AA10 0
15	BSHS1 1		49	G BSUM3 0		83	BB6 0
16	BSHX 0		50	G BC15 0		84	AA14 0
17	SHKL 1		51	G BSUM7 0		85	BB10 0
18			52			86	AA3 0
19	SHC3 0		53	G BSUM11 0		87	BB15 0
20	BSHS0 1		54	SHC5 0		88	AA7 0
21	SHC4 0		55	G BSUM15 0		89	BB3 0
22	BCKL 1		56	G BSH6 0		90	AA11 0
23	MIR14 1		57	BAKL 0		91	BB7 0
24	MIR13 1		58	G BZERO 1		92	AA15 0
25	G BSUM0 0		59	BCR16 1		93	BB11 0
26	MIR12 1		60	G A15 0		94	PCR32 1
27	G BSUM4 0		61	G B15 0		95	G BSH15 0
28			62	AA0 0		96	
29	G BSUM8 0		63	BB12 0		97	
30	SL2 0		64	AA4 0		98	
31	G BSUM12 0		65	BB0 0		99	
32	MIR15 1		66	AA8 0			
33	G BSUM1 0		67	BB4 0			

CONNECTOR LIST

CONNECTOR: 103 DESIGNATION: A03 BOARD NAME: ARITMETICA

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34			68	AA12 0
01			35	G ASUM5 0		69	BB8 0
02			36	SLO 0		70	AA1 0
03			37	G ASUM9 0		71	BB13 0
04	S2 0		38	ARM 1		72	AA5 0
05	S1 0		39	G ASUM13 0		73	BB1 0
06	S3 0		40	ARM 1		74	AA9 0
07	S0 0		41	G ASUM2 0		75	BB5 0
08	SHC0 0		42			76	AA13 0
09	SHC1 0		43	G ASUM6 0		77	BB9 0
10	SHC2 0		44	SL1 0		78	AA2 0
11			45	G ASUM10 0		79	BB14 0
12	ACR0 1		46	ASHM 0		80	AA6 0
13	G ACO 0		47	G ASUM14 0		81	BB2 0
14	G ASH0 0		48			82	AA10 0
15	ASHS1 1		49	G ASUM3 0		83	BB6 0
16	ASHX 0		50	G AC15 1		84	AA14 0
17	SHKL 1		51	G ASUM7 0		85	BB10 0
18			52			86	AA3 0
19	SHC3 0		53	G ASUM11 0		87	BB15 0
20	ASHS0 1		54	SHC5 0		88	AA7 0
21	SHC4 0		55	G ASUM15 0		89	BB3 0
22	ACKL 1		56			90	AA11 0
23	MIR14 1		57	AAKL 0		91	BB7 0
24	MIR13 1		58	G AZERO 1		92	AA15 0
25	G ASUM0 0		59	G ACR16 1		93	BB11 0
26	MIR12 1		60			94	BC0 0
27	G ASUM4 0		61			95	G ASH15 0
28			62	AA0 0		96	
29	G ASUM8 0		63	BB12 0		97	
30	SL2 0		64	AA4 0		98	
31	G ASUM12 0		65	BB0 0		99	
32	MIR15 1		66	AA8 0			
33	G ASUM1 0		67	BB4 0			

CONNECTOR LIST

CONNECTOR: 104 DESIGNATION: A04 BOARD NAME: REGISTERS

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	BSUM1 0		68	STS0 1	
01			35	ASUM1 0		69	BB4 0	
02	G	REJ1 GR	36	LEVO 0		70	AA12 0	
03			37	WSCR 0		71	HIGH 1	
04		RE01 GR	38	WL 0		72	G RBXC4 0	
05	W	IB0 0	39	WT 0		73	G AA1 0	
06		RE01 GR	40			74	AA9 0	
07	G	HH3 1	41	LEV1 0		75	G BB1 0	
08		HSEL 0	42	BSUM2 0		76	STS1 1	
09	W	IB1 0	43	ASUM2 0		77	BB5 0	
10		BSHS1 1	44	RKL 1		78		
11		BSHS1 1	45	WSP 0		79		
12			46	WD 0		80		
13	W	IB2 0	47	WA 0		81	G AA2 0	
14	G	ADRC4 0	48	G R1 1		82	AA10 0	
15		HIGH 1	49	G R0 1		83	G BB2 0	
16		CPSEL 0	50	BSUM3 0		84	STS2 1	
17	W	IB3 0	51	ASUM3 0		85	BB6 0	
18		MIR1 1	52	RCRY0 1		86	LEV2 0	
19		MIR0 1	53	RCRY0 1		87	LEV3 0	
20		MIR2 1	54	G RCRY4 1		88		
21		AEN 0	55	RLD 0		89	G AA3 0	
22		MIR3 1	56	G R3 1		90	HKL 0	
23		MIR4 1	57	G R2 1		91	G BB3 0	
24		MIR5 1	58	CPKL 1		92	STS3 1	
25		MIR6 1	59	CPCRY0 1		93	BRXAD 0	
26		BSUM0 0	60	WB 0		94	BREN 0	
27		ASUM0 0	61	WX 0		95	REL 0	
28		MIR24 1	62	WSSTS 0		96		
29		ASUM4 0	63	HIGH 1		97		
30		ACKL 1	64	G CPCRY4 1		98		
31			65	G AA0 0		99		
32		MIR15 1	66	CPLD 0				
33		MIR15 1	67	G BB0 0				

CONNECTOR LIST

CONNECTOR: 105 DESIGNATION: A05 BOARD NAME: REGISTERS

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	BSUM5 0		68	STS4 1	
01			35	ASUM5 0		69	AAKL 0	
02			36	LEVO 0		70		
03			37	WSCR 0		71	RBXC4 0	
04	RE01 GR		38	WL 0		72	G RBXC8 0	
05	W IB4 0		39	WT 0		73	G AA5 0	
06	RE01 GR		40			74		
07	G HH7 1		41	LEV1 0		75	G BB5 0	
08	HSEL 0		42	BSUM6 0		76	STS5 1	
09	W IB5 0		43	ASUM6 0		77	TERM 0	
10	BSHS1 1		44	RKL 1		78		
11	BSHS1 1		45	WSP 0		79		
12			46	WD 0		80		
13	W IB6 0		47	WA 0		81	G AA6 0	
14	G ADRC8 0		48	G R5 1		82		
15	ADRC4 0		49	G R4 1		83	G BB6 0	
16	CPSEL 0		50	BSUM7 0		84	STS6 1	
17	W IB7 0		51	ASUM7 0		85		
18	MIR1 1		52	RCRY0 1		86	LEV2 0	
19	MIR0 1		53	RCRY4 1		87	LEV3 0	
20	MIR2 1		54	G RCRY8 1		88		
21	AEN 0		55	RLD 0		89	G AA7 0	
22	MIR3 1		56	G R7 1		90	HKL 0	
23	MIR4 1		57	G R6 1		91	G BB7 0	
24	MIR5 1		58	CPKL 1		92	STS7 1	
25	MIR6 1		59	CPCRY4 1		93	BRXAD 0	
26	BSUM4 0		60	WB 0		94	BREN 0	
27	ASUM4 0		61	WX 0		95	REL 0	
28	MIR24 1		62	WSSTS 0		96		
29			63	HIGH 1		97		
30	ACKL 1		64	G CPCRY8 1		98		
31	BCKL 1		65	G AA4 0		99		
32			66	CPLD 0				
33	SL2 0		67	G BB4 0				

CONNECTOR LIST

CONNECTOR: 106 DESIGNATION: A06 BOARD NAME: REGISTERS

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	BSUM9 0		68	RE03 GR	
01			35	ASUM9 0		69	AAKL 0	
02			36	LEVO 0		70		
03			37	WSCR 0		71	RBXC8 0	
04			38	WL 0		72	G RBXC12 0	
05	W	IB8 0	39	WT 0		73	G AA9 0	
06		H7 1	40			74		
07	G	HH11 1	41	LEV1 0		75	G BB9 0	
08		HSEL 0	42	BSUM10 0		76	RE03 GR	
09	W	IB9 0	43	ASUM10 0		77	TERM 0	
10		BSHS1 1	44	RKL 1		78		
11		BSHS1 1	45	WSP 0		79		
12		ASHS1 1	46	WD 0		80		
13	W	IB10 0	47	WA 0		81	G AA10 0	
14	G	ADRC12 0	48	G R9 1		82		
15		ADRC8 0	49	G R8 1		83	G BB10 0	
16		CPSEL 0	50	BSUM11 0		84	RE03 GR	
17	W	IB11 0	51	ASUM11 0		85		
18		MIR1 1	52	RCRY0 1		86	LEV2 0	
19		MIR0 1	53	RCRY8 1		87	LEV3 0	
20		MIR2 1	54	G RCRY12 1		88		
21		AEN 0	55	RLD 0		89	G AA11 0	
22		MIR3 1	56	G R11 1		90	HKL 0	
23		MIR4 1	57	G R10 1		91	G BB11 0	
24		MIR5 1	58	CPKL 1		92	RE03 GR	
25		MIR6 1	59	CPCRY8 1		93	BRXAD 0	
26		BSUM8 0	60	WB 0		94	BREN 0	
27		ASUM8 0	61	WX 0		95	REL 0	
28		MIR24 1	62	WSSTS 0		96	G RE03 GR	
29		ASUM12 0	63	HIGH 1		97		
30		ACKL 1	64	G CPCRY12 1		98		
31		BCKL 1	65	G AAB 0		99		
32			66	CPLD 0				
33		SL2 0	67	G BB8 0				

CONNECTOR LIST

CONNECTOR: 107 DESIGNATION: A07 BOARD NAME: REGISTERS

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	BSUM13	0	68	RE03	GR	
01			35	ASUM13	0	69	AAKL	0	
02			36	LEVO	0	70			
03			37	WSCR	0	71	RBXC12	0	
04			38	WL	0	72	G RBXC16	0	
05	W	IB12	0	39	WT	0	73	G AA13	0
06		H7	1	40			74		
07	G	HH15	1	41	LEV1	0	75	G BB13	0
08		HSEL	0	42	BSUM14	0	76	RE03	GR
09	W	IB13	0	43	ASUM14	0	77	TERM	0
10		S0	0	44	RKL	1	78		
11		S0	0	45	WSP	0	79		
12		ASHS1	1	46	WD	0	80		
13	W	IB14	0	47	WA	0	81	G AA14	0
14	G	ADRC16	0	48	G R13	1	82		
15		ADRC12	0	49	G R12	1	83	G BB14	0
16		CPSEL	0	50	BSUM15	0	84	RE03	GR
17	W	IB15	0	51	ASUM15	0	85		
18		MIR1	1	52	RCRY0	1	86	LEV2	0
19		MIR0	1	53	RCRY12	1	87	LEV3	0
20		MIR2	1	54	G RCRY16	1	88		
21		AEN	0	55	RLD	0	89	G AA15	0
22		MIR3	1	56	G R15	1	90	HKL	0
23		MIR4	1	57	G R14	1	91	G BB15	0
24		MIR5	1	58	CPKL	1	92	RE03	GR
25		MIR6	1	59	CPCRY12	1	93	BRXAD	0
26		BSUM12	0	60	WB	0	94	BREN	0
27		ASUM12	0	61	WX	0	95	REL	0
28		MIR24	1	62	WSSTS	0	96		
29				63	HIGH	1	97		
30		ACKL	1	64	G CPCRY16	1	98		
31		BCKL	1	65	G AA12	0	99		
32				66	CPLD	0			
33		SL2	0	67	G BB12	0			

CONNECTOR LIST

CONNECTOR: 108 DESIGNATION: A08 BOARD NAME: DECODING

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	SIR9	1	68	ROM26	1
01			35	G WSCR	0	69	ROM27	1
02			36	T5	0	70	ROM28	1
03			37	G SI	1	71	G CRSEL0	0
04	G WREN	1	38	G WT	0	72	G MIR19	1
05	G S2	0	39	G WL	0	73	G CRSEL1	0
06	G IODEST	0	40	MIRKL	1	74	ROM29	1
07	G S1	0	41	G ARM	1	75	T1	0
08	TC0	0	42	G DBL	0	76		
09	G S3	0	43	G WSP	0	77	MIR9	1
10	TC2	0	44	G DDBL	0	78	PJMP	1
11	G S0	0	45	G WA	0	79	TRRSTS	0
12	G BSHS1	1	46	MCL	0	80		
13	G ASHS1	1	47	G WD	0	81	MIR10	1
14	TC1	1	48			82		
15			49	G WSHC	0	83	G WSTS	0
16	MIR15	0	50	BMSRC	1	84	MIR11	1
17	G CPSEL	0	51	G RLD	0	85	MIR8	1
18	G DEST15	0	52	ALT	1	86	G MIR31	1
19			53			87	G SKL	1
20	ACTLOOP	1	54	G LSEL	0	88	G MIR29	0
21	G BSHS0	1	55			89		
22	G MIR24	0	56	G WB	0	90	G MIR29	1
23			57	G WX	0	91	TRUE	1
24			58	ROM19	1	92	ROM30	1
25	G ASHS0	1	59	ROM20	1	93	G MIR31	0
26	MIR15	1	60	ROM21	1	94	ROM31	1
27	G MIR24	1	61	ROM22	1	95	G BMIR31	0
28	G MIR21	0	62	G HIGH	1	96		
29	G MIR22	1	63	G WSSTS	0	97		
30	G MIR22	0	64	ROM23	1	98		
31	G MIR23	1	65	ROM24	1	99		
32	G MIR23	0	66	ROM25	1			
33	G MIR21	1	67	G CPLD	0			

CONNECTOR LIST

CONNECTOR: 109 DESIGNATION: A09 BOARD NAME: OR LOGIC

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	ROM7 1		68	IR0 0	
01			35	CJARG 0		69		
02			36	ROM8 1		70	IR1 0	
03			37	G LEV0 0		71	PIL3 1	
04	MOPC 1		38	ROM9 1		72	IR2 0	
05			39	G LEV1 0		73	G MIR9 1	
06	ROM0 1		40	ROM10 1		74		
07			41	MIRKL 1		75	IR4 1	
08	ROM1 1		42	ROM11 1		76	IR5 1	
09			43	DBL 0		77	IR6 1	
10	ROM2 1		44	ROM12 1		78	IR8 1	
11			45			79	IR9 1	
12	ROM3 1		46	ROM13 1		80	IR10 1	
13	ASH0 0		47	MCL 0		81	BSH15 0	
14	ROM4 1		48	ROM14 1		82	G LEV3 0	
15	TC1 1		49	G SL1 0		83	G MIR10 1	
16			50	ROM15 1		84	G LEV2 0	
17	G MIR15 0		51	G BMSRC 1		85	G MIR11 1	
18	G MIR1 1		52	ROM16 1		86	G MIR8 0	
19	G MIR0 1		53	G ALT 1		87	G MIR8 1	
20	G MIR2 1		54	ROM17 1		88	G MIR9 0	
21	G MIR4 1		55	LSEL 0		89		
22	G MIR3 1		56	ROM18 1		90		
23	G MIR6 1		57	PILO 1		91	G BRXAD 0	
24	G MIR5 1		58			92		
25	G MIR7 1		59	PIL1 1		93	ROM30 1	
26	G MIR14 1		60	IR0 1		94	MIR31 0	
27	G MIR13 1		61	PIL2 1		95	ROM31 1	
28	G MIR15 1		62	IR1 1		96		
29	G MIR12 1		63			97		
30	ROM5 1		64	IR2 1		98		
31	G SL2 0		65			99		
32	ROM6 1		66	IR3 1				
33	G SL0 0		67					

CONNECTOR LIST

CONNECTOR: 110 DESIGNATION: A10 BOARD NAME: 1K PROM

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	MPC0	1	68	G ROR	0
01			35	G ROM7	1	69	G ROM29	1
02			36	MPC1	1	70	TW0	0
03			37	G ROM8	1	71	TW1	0
04			38	MPC2	1	72	TW2	0
05			39	G ROM9	1	73	TW3	0
06			40	MPC3	1	74	TW4	0
07	G ROM0	1	41	G ROM10	1	75	TW5	0
08			42	MPC4	1	76	TW6	0
09	G ROM1	1	43	G ROM11	1	77	TW7	0
10			44	MPC5	1	78	TW8	0
11	G ROM2	1	45	G ROM12	1	79	TW9	0
12			46	MPC6	1	80	TW10	0
13	G ROM3	1	47	G ROM13	1	81	TW11	0
14			48	MPC7	1	82	TW12	0
15	G ROM4	1	49	G ROM14	1	83	TWC1	0
16			50	MPC8	1	84	TW13	0
17			51	G ROM15	1	85	TWC2	0
18			52	MPC9	1	86	TW14	0
19			53	G ROM16	1	87	TWC3	0
20			54	MPC10	1	88	TW15	0
21			55	G ROM17	1	89	TWC4	0
22	MOR	0	56	MPC11	1	90	ROMRQ	1
23			57	G ROM18	1	91	G ROMDRY	0
24			58	G ROM20	1	92	G ROM30	1
25			59	G ROM19	1	93	READ	0
26			60	G ROM22	1	94	G ROM31	1
27			61	G ROM21	1	95	WRITE	0
28			62	G ROM24	1	96		
29			63	G ROM23	1	97		
30	FETCH	0	64	G ROM26	1	98		
31	G ROM5	1	65	G ROM25	1	99		
32	IND	0	66	G ROM28	1			
33	G ROM6	1	67	G ROM27	1			

CONNECTOR LIST

CONNECTOR: 111 DESIGNATION: A11 BOARD NAME: MICRO ADDR.

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	G SIR9	1	68	STS0	0
01			35	G MPC0	1	69	G IRO	0
02			36	OPINT	0	70		
03			37	G MPC1	1	71	G IR1	0
04	W IB12	0	38	OPCOM	0	72		
05	W IB8	0	39	G MPC2	1	73	G IR2	0
06	W IB4	0	40	FETCH	0	74	SM	1
07	W IB0	0	41	G MPC3	1	75	TERM	0
08	W IB13	0	42	DBL	0	76	TRRSTS	0
09	W IB9	0	43	G MPC4	1	77	G IR4	1
10	W IB5	0	44	FIND	0	78		
11	W IB1	0	45	G MPC5	1	79	G IR5	1
12	W IB14	0	46	MCL	0	80		
13	W IB10	0	47	G MPC6	1	81	G IR6	1
14	W IB6	0	48	INT	0	82	G IR10	1
15	W IB2	0	49	G MPC7	1	83	G IR8	1
16	W IB15	0	50			84	MIR10	1
17	W IB11	0	51	G MPC8	1	85	G IR9	1
18	W IB7	0	52	MPCKL	1	86	G PTSEL	0
19	W IB3	0	53	G MPC9	1	87	MIR11	1
20	MIR1	1	54			88	MIR9	0
21	MIR0	1	55	G MPC10	1	89	MIR8	0
22	MIR2	1	56			90	MIR29	0
23	MIR4	1	57	G MPC11	1	91	MIR31	1
24	MIR3	1	58			92	G BREN	0
25	MIR6	1	59			93	MIR29	1
26	MIR5	1	60			94	G REL	0
27	MIR7	1	61	G IRO	1	95	MIR31	0
28	CIKL	1	62			96		
29	BCKL	1	63	G IR1	1	97		
30	ACKL	1	64			98		
31			65	G IR2	1	99		
32	MPCRD	0	66	MPCLD	0			
33	G CJARG	0	67	G IR3	1			

CONNECTOR LIST

CONNECTOR: 112 DESIGNATION: A12 BOARD NAME: TIMING

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34			68	IGRANT 0
01			35			69	G AAKL 0
02			36	IND 0		70	
03			37	OPINT 0		71	G BAKL 0
04			38	OPCOM 0		72	EGRANT 0
05	WREN 1		39	G T5 0		73	
06	IODEST 0		40	FETCH 0		74	BERQ 0
07	IODEST 0		41	G MIRKL 1		75	G T1 0
08			42			76	
09	G TC0 0		43	DBL 0		77	TERM 0
10			44	FIND 0		78	
11			45	G RKL 1		79	
12	G T3 1		46			80	
13	G TC2 0		47	W MCL 0		81	
14	G TC1 1		48	INT 0		82	IDRY 1
15	G SHKL 1		49			83	
16			50	TR0 0		84	
17			51			85	
18			52	TR14 0		86	
19			53	G MPCKL 1		87	
20			54	TR11 0		88	
21	G ACTLOOP 1		55			89	
22			56			90	G ROMRQ 1
23			57	G CPKL 1		91	TRUE 1
24			58			92	MIR31 1
25	MIR24 0		59			93	ROM30 1
26	DMAGRANT 0		60			94	BMIR31 0
27	MIR24 1		61			95	ROM31 1
28	G CIKL 1		62	TRR 0		96	
29	G BCKL 1		63	TRA 0		97	
30	PRIVINT 0		64	TRRIR 0		98	
31	G ACKL 1		65	G SHCKL 1		99	
32	IND 0		66	MIRDRY 1			
33			67	G MPCLD 0			

CONNECTOR LIST

CONNECTOR: 113 DESIGNATION: A13 BOARD NAME: MEM.CONTROL

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	SIR9 1		68	G TR13 0	
01			35	G MPCRD 0		69	G IGRANT 0	
02			36	RGRANT 0		70	G TR10 0	
03			37	G IND 0		71	G TR9 0	
04	G EDRY 0		38	OPINT 0		72	PT14 1	
05	G CYCL3 0		39	MDRY 0		73	G EGRANT 0	
06	IODEST 0		40	OPCOM 0		74	PT13 1	
07	CONNECT 0		41	G FETCH 0		75	G BERO 0	
08	TC0 0		42	DBL 0		76	G TR5 0	
09	INPUT 0		43	TDRY 0		77	G TR7 0	
10	G HSEL 0		44	DDBL 0		78	G TRRSTS 0	
11	IOERR 0		45	G FIND 0		79	G TR8 0	
12	TC2 0		46	INT 0		80	G TR4 0	
13	ER0 0		47	W MCL 0		81		
14	T3 1		48	G SIC 0		82	PT15 1	
15	TC1 1		49	G SOC 0		83	G IDRY 1	
16	G DMAGRANT 0		50	RCRY0 1		84	PERM 0	
17	G AEN 0		51	G TR0 0		85		
18	MIR1 1		52	STSRD 0		86	G TR6 0	
19	MIR0 1		53	G TR14 0		87	SHADOW 0	
20	MIR2 1		54	G CPCRY0 1		88	G HKL 0	
21	MIR4 1		55	G TR11 0		89	ROMDRY 0	
22	MIR3 1		56	G TR2 0		90	ROMRQ 1	
23	MIR6 1		57			91	G READ 0	
24	MIR5 1		58	IR0 1		92	G WRITE 1	
25	MIR7 1		59			93	MIR31 1	
26	G STSRD 0		60	IR2 1		94	G TR3 0	
27	MOR 0		61	IR1 1		95	G WRITE 0	
28	MIR21 0		62	TRR 0		96		
29	MIR22 1		63	IR3 1		97		
30	MIR22 0		64	G TRA 0		98		
31	MIR23 1		65	G TRRIR 0		99		
32	MIR23 0		66	CPLD 0				
33	MIR21 1		67	G MIRDRY 1				

CONNECTOR LIST

CONNECTOR: 114 DESIGNATION: A14 BOARD NAME: PAGING

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	G MR14	1	68		
01			35	G MR15	1	69	IGRANT	0
02			36	G MR16	1	70	PIL3	1
03			37	G MR17	1	71		
04	IB12	0	38	PON	0	72		
05	IB8	0	39	G RGRANT	0	73	G PT14	1
06	IB4	0	40	G PFAIL	0	74	G OK	1
07	IB0	0	41	G MDRY	0	75	G PT13	1
08	IB13	0	42	R5	1	76	MCLEAR	GR
09	IB9	0	43	R4	1	77	MCLEAR	0
10	IB5	0	44	R9	1	78	PFINT	GR
11	IB1	0	45	R8	1	79	PFINT	0
12	IB14	0	46	R13	1	80		
13	IB10	0	47	W MCL	0	81		
14	IB6	0	48	R1	1	82	STARTP	0
15	IB2	0	49	R12	1	83	G PT15	1
16	IB15	0	50	R7	1	84	PSTR	0
17	IB11	0	51	R0	1	85	PERM	0
18	IB7	0	52	R11	1	86		
19	IB3	0	53	R6	1	87		
20	G MR0	1	54	R15	1	88	G SHADOW	0
21	G MR1	1	55	R10	1	89		
22	G MR2	1	56	R3	1	90	G PCR1	0
23	G MR3	1	57	R14	1	91	MOPC	1
24	G MR4	1	58	PILO	1	92	G PCRO	0
25	G MR5	1	59	R2	1	93	WRITE	1
26	G MR6	1	60	PGSKL	1	94	TR3	0
27	G MR7	1	61	PIL1	1	95	PTSEL	1
28	G MR8	1	62	PGSE	0	96		
29	G MR9	1	63	PIL2	1	97		
30	G MR10	1	64	WPCR	0	98		
31	G MR11	1	65	TRRPCR	1	99		
32	G MR12	1	66	G PF	0			
33	G MR13	1	67					

CONNECTOR LIST

CONNECTOR: 115 DESIGNATION: A15 BOARD NAME: INTERR.CONT.

PIN.	SIGNAL CODE.	REF.	PIN.	SIGNAL CODE.	REF.	PIN.	SIGNAL CODE.	REF.
00			34	IBB 1		68	G ISO 1	
01			35	SI 1		69	TRA 0	
02			36	STOP 0		70	IGRANT 0	
03			37	G PON 0		71	PIL3 1	
04	G MOPC 1		38	PERR 0		72	G INTRD 0	
05	CYCL3 0		39	G OPCOM 0		73	G IS1 1	
06			40	G OPINT 0		74	TR5 0	
07			41	W MDRY 0		75	OK 1	
08			42	IB7 1		76	IB5 1	
09			43	COINC 0		77	TR7 0	
10	IOERR 0		44	IB6 1		78	IB4 1	
11			45	G ION 0		79	PJMP 1	
12	W IB14 0		46	FETCH 0		80	IB2 1	
13	PFAIL 0		47	MCL 0		81	TR4 0	
14	W IB2 0		48	PFAIL 0		82	IB3 1	
15	T3 1		49	G INT 0		83	G STARTP 0	
16	W IB15 0		50	ROR 0		84	IB0 1	
17			51			85	G PSTR 0	
18	MOR 0		52	DIFF 0		86	IB1 1	
19			53	TR14 0		87	TR6 0	
20			54	MORE 1		88	SHADOW 0	
21			55			89	PCR1 0	
22			56	Z 0		90	G IIC1 1	
23			57	PF 0		91	G IIC0 1	
24			58	TRIO 0		92	G IIC3 1	
25	G IINT 0		59	PIL1 1		93	G IIC2 1	
26	STSRD 0		60	G PGSKL 1		94	MOPC 1	
27	PE14 1		61	PIL2 1		95	TR3 0	
28			62	G PGSE 0		96		
29	PRIVINT 0		63	G SI 0		97		
30	IB10 1		64	G TRRPCR 1		98		
31			65	G WPCR 0		99		
32	IB9 1		66	G PILKL 1				
33			67	TRR 0				

CONNECTOR LIST

CONNECTOR: 116 DESIGNATION: A16 BOARD NAME: INTERR.REG.

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	INT13 0		68		
01			35	G IB8 1		69	IS0 1	
02			36	INT13 0		70		
03			37			71	G PIL3 1	
04	W	IB12 0	38	MCL 0		72	IS1 1	
05	W	IB8 0	39			73	INTRD 0	
06	W	IB4 0	40			74		
07	W	IB0 0	41			75		
08	W	IB13 0	42			76	TR7 0	
09	W	IB9 0	43	G IB7 1		77	G IB5 1	
10	W	IB5 0	44	MCL 0		78		
11	W	IB1 0	45	G MORE 1		79	G IB4 1	
12	W	IB14 0	46	MCL 0		80		
13	W	IB10 0	47			81	G IB2 1	
14	W	IB6 0	48			82		
15	W	IB2 0	49			83	G IB3 1	
16	W	IB15 0	50			84		
17	W	IB11 0	51			85	G IB0 1	
18	W	IB7 0	52			86	TR6 0	
19	W	IB3 0	53	G DIFF 0		87	G IB1 1	
20			54			88		
21			55			89		
22		INT12 0	56			90	IIC0 1	
23	G	IB14 1	57	G PILO 1		91	IIC1 1	
24		IINT 0	58			92	IIC2 1	
25	G	IB15 1	59	G PIL1 1		93	IIC3 1	
26	G	PE14 1	60			94		
27		STSRD 0	61	G PIL2 1		95		
28		INT10 0	62			96		
29	G	IB11 1	63	SI 0		97		
30		INT15 0	64	MCL 0		98		
31	G	IB10 1	65			99		
32		INT11 0	66	TRR 0				
33	G	IB9 1	67	PILKL 1				

CONNECTOR LIST

CONNECTOR: 117 DESIGNATION: A17 BOARD NAME: PANEL DRIVER

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	MR14	1	68	W	TW6	0		
01			35	MR15	1	69	G	PB6	0		
02			36	MR16	1	70	W	TW7	0		
03			37	MR17	1	71	G	PB7	0		
04	W	IB12	0	38	PON	0	72	W	TW8	0	
05	W	IB8	0	39	G	STOP	0	73	G	PB8	0
06	W	IB4	0	40	W	MDRY	0	74	W	TW9	0
07	W	IB0	0	41	G	COINC	0	75	G	PB9	0
08	W	IB13	0	42		ION	0	76	W	TW10	0
09	W	IB9	0	43		FETCH	0	77	G	PB10	0
10	W	IB5	0	44		MCL	0	78	W	TW11	0
11	W	IB1	0	45	G	MORE	1	79	G	PB11	0
12	W	IB14	0	46		PIL0	1	80	W	TWC1	0
13	W	IB10	0	47		TR2	0	81	G	PB12	0
14	W	IB6	0	48		PIL1	1	82	W	TWC2	0
15	W	IB2	0	49		TR9	0	83	G	PB13	0
16	W	IB15	0	50		PIL2	1	84	W	TWC3	0
17	W	IB11	0	51		TR0	0	85	G	PB14	0
18	W	IB7	0	52		PIL3	1	86	W	TWC4	0
19	W	IB3	0	53		TR10	0	87	G	PB15	0
20		MR0	1	54		TRA	0	88	W	TW12	0
21		MR1	1	55		TRR	0	89		CC	0
22		MR2	1	56	W	TW0	0	90	W	TW13	0
23		MR3	1	57	G	PB0	0	91		OSC	0
24		MR4	1	58	W	TW1	0	92	W	TW14	0
25		MR5	1	59	G	PB1	0	93		DMAGRANT	0
26		MR6	1	60	W	TW2	0	94	W	TW15	0
27		MR7	1	61	G	PB2	0	95	G	SSTOP	0
28		MR8	1	62	W	TW3	0	96			
29		MR9	1	63	G	PB3	0	97			
30		MR10	1	64	W	TW4	0	98			
31		MR11	1	65	G	PB4	0	99			
32		MR12	1	66	W	TW5	0				
33		MR13	1	67	G	PB5	0				

CONNECTOR LIST

CONNECTOR: 118 DESIGNATION: A18 BOARD NAME: MEM.ADDRESS
PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	MR12 1		68		
01			35	MR13 1		69	W MA6 0	
02			36	MR14 1		70		
03			37	MR15 1		71	W MA7 0	
04	W IB12 0		38	MR16 1		72		
05	W IB8 0		39	MR17 1		73	W MA8 0	
06	W IB4 0		40	G MDEB1 0		74		
07	W IB0 0		41	W MDRY 0		75	W MA9 0	
08	W IB13 0		42	G PYEB 0		76		
09	W IB9 0		43			77	W MA10 0	
10	W IB5 0		44	PYEB1 1		78		
11	W IB1 0		45	UAEB 0		79	W MA11 0	
12	W IB14 0		46	G BMBE2 1		80		
13	W IB10 0		47	MCL 0		81	W MA12 0	
14	W IB6 0		48	G BMBE1 0		82		
15	W IB2 0		49	SIC 0		83	W MA13 0	
16	W IB15 0		50	PYEB2 1		84		
17	W IB11 0		51	SOC 0		85	W MA14 0	
18	W IB7 0		52	16BIT 0		86		
19	W IB3 0		53			87	W MA15 0	
20			54			88		
21			55			89	G SICMB 0	
22	MR0 1		56			90		
23	MR1 1		57	W MA0 0		91	G SOCMB 0	
24	MR2 1		58			92	G ELCB 0	
25	MR3 1		59	W MA1 0		93	DRMB 0	
26	MR4 1		60			94		
27	MR5 1		61	W MA2 0		95	UAMB 0	
28	MR6 1		62			96		
29	MR7 1		63	W MA3 0		97		
30	MR8 1		64			98		
31	MR9 1		65	W MA4 0		99		
32	MR10 1		66					
33	MR11 1		67	W MA5 0				

CONNECTOR LIST

CONNECTOR: 119 DESIGNATION: A19 BOARD NAME: MEM.DATA

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	MR12	1	68	G	MDR12	0
01			35	MR13	1	69	G	MDR13	0
02			36	MR14	1	70	G	MDR14	0
03			37	MR15	1	71	G	MDR15	0
04	W	IB12	38	MR16	1	72	G	MDR16	0
05	W	IB8	39	MR17	1	73	G	MDR16	0
06	W	IB4	40	W	MDRY	74			
07	W	IB0	41		MDEB1	75			
08	W	IB13	42			76		MBB0	0
09	W	IB9	43			77		MBB1	0
10	W	IB5	44			78		MBB2	0
11	W	IB1	45	G	PYEB1	79		MBB3	0
12	W	IB14	46			80		MBB4	0
13	W	IB10	47		BMBE2	81		MBB5	0
14	W	IB6	48			82		MBB6	0
15	W	IB2	49		BMBE1	83		MBB7	0
16	W	IB15	50			84		MBB8	0
17	W	IB11	51	G	PYEB2	85		MBB9	0
18	W	IB7	52			86		MBB10	0
19	W	IB3	53			87		MBB11	0
20	W	IB16	54			88		MBB12	0
21	W	IB17	55			89		MBB13	0
22		MR0	56	G	MDB0	90		MBB14	0
23		MR1	57	G	MDB1	91		MBB15	0
24		MR2	58	G	MDB2	92		MBB16	0
25		MR3	59	G	MDB3	93		MBB17	0
26		MR4	60	G	MDB4	94			
27		MR5	61	G	MDB5	95			
28		MR6	62	G	MDB6	96			
29		MR7	63	G	MDB7	97			
30		MR8	64	G	MDR8	98			
31		MR9	65	G	MDB9	99			
32		MR10	66	G	MDB10				
33		MR11	67	G	MDB11				

CONNECTOR LIST

CONNECTOR: 120 DESIGNATION: A20 BOARD NAME: MEM.ADDRESS
PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	MR12	1	68		
01			35	MR13	1	69	W	MA6 0
02			36	MR14	1	70		
03			37	MR15	1	71	W	MA7 0
04	W	IB12 0	38	MR16	1	72		
05	W	IB8 0	39	MR17	1	73	W	MA8 0
06	W	IB4 0	40	G	MDEA1 0	74		
07	W	IB0 0	41	W	MDRY 0	75	W	MA9 0
08	W	IB13 0	42	G	PERR 0	76		
09	W	IB9 0	43		FETCH 0	77	W	MA10 0
10	W	IB5 0	44		PYEA1 1	78		
11	W	IB1 0	45		UAEA 0	79	W	MA11 0
12	W	IB14 0	46		AMBE2 1	80		
13	W	IB10 0	47		MCL 0	81	W	MA12 0
14	W	IB6 0	48	G	AMBE1 0	82		
15	W	IB2 0	49		SIC 0	83	W	MA13 0
16	W	IB15 0	50		PYEA2 1	84		
17	W	IB11 0	51		SOC 0	85	W	MA14 0
18	W	IB7 0	52		16BIT 0	86		
19	W	IB3 0	53		TR13 0	87	W	MA15 0
20		DMAGRANT 0	54		TR11 0	88		
21	G	MOR 0	55		TRA 0	89	G	SICMA 0
22		MR0 1	56			90		
23		MR1 1	57	W	MA0 0	91	G	SOCMA 0
24		MR2 1	58			92	G	ELCA 0
25		MR3 1	59	W	MA1 0	93		DRMA 0
26		MR4 1	60			94		
27		MR5 1	61	W	MA2 0	95		UAMA 0
28		MR6 1	62			96		
29		MR7 1	63	W	MA3 0	97		
30		MR8 1	64			98		
31		MR9 1	65	W	MA4 0	99		
32		MR10 1	66					
33		MR11 1	67	W	MA5 0			

CONNECTOR LIST

CONNECTOR: 121 DESIGNATION: A21 BOARD NAME: MEM.DATA

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	MR12	1	68	G	MDA12	0	
01			35	MR13	1	69	G	MDA13	0	
02			36	MR14	1	70	G	MDA14	0	
03			37	MR15	1	71	G	MDA15	0	
04	W	IB12	0	38	MR16	1	72	G	MDA17	0
05	W	IB8	0	39	MR17	1	73	G	MDA16	0
06	W	IB4	0	40	W	MDRY	0	74		
07	W	IB0	0	41		MDEA1	0	75		
08	W	IB13	0	42				76	MBA0	0
09	W	IB9	0	43				77	MBA1	0
10	W	IB5	0	44				78	MBA2	0
11	W	IB1	0	45	G	PYEA1	1	79	MBA3	0
12	W	IB14	0	46				80	MBA4	0
13	W	IB10	0	47		AMBE2	1	81	MBA5	0
14	W	IB6	0	48				82	MBA6	0
15	W	IB2	0	49		AMBE1	0	83	MBA7	0
16	W	IB15	0	50				84	MBA8	0
17	W	IB11	0	51	G	PYEA2	1	85	MBA9	0
18	W	IB7	0	52				86	MBA10	0
19	W	IB3	0	53				87	MBA11	0
20	W	IB16	0	54				88	MBA12	0
21	W	IB17	0	55				89	MBA13	0
22		MR0	1	56	G	MDA0	0	90	MBA14	0
23		MR1	1	57	G	MDA1	0	91	MBA15	0
24		MR2	1	58	G	MDA2	0	92	MBA16	0
25		MR3	1	59	G	MDA3	0	93	MBA17	0
26		MR4	1	60	G	MDA4	0	94		
27		MR5	1	61	G	MDA5	0	95		
28		MR6	1	62	G	MDA6	0	96		
29		MR7	1	63	G	MDA7	0	97		
30		MR8	1	64	G	MDA8	0	98		
31		MR9	1	65	G	MDA9	0	99		
32		MR10	1	66	G	MDA10	0			
33		MR11	1	67	G	MDA11	0			

CONNECTOR LIST

CONNECTOR: 122 DESIGNATION: A22 BOARD NAME: I/O CONTROL

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	BINT12	0	68	EINTL12	1
01			35	G BINPUT	1	69	EINTL12	0
02			36	BINT13	0	70	EINTL11	1
03			37			71	EINTL11	0
04	IRX5	1	38	G EINPUT	1	72	EINTL10	1
05	G FQ2	0	39			73	EINTL10	0
06	G FQ1	0	40	BINT15	0	74	G EIDENTL	1
07	EDRY	0	41	BA10	0	75	G EIDENTL	0
08	W IB13	0	42	G DIE	0	76	G EIOXE	1
09	G CONNECT	0	43	BA11	0	77	G EIOXE	0
10	G BIDENT	0	44	G IOTE	0	78	G EGRANTL	1
11	IRX2	1	45	W MDRY	0	79	G EGRANTL	0
12	IRX3	1	46	G IBS	1	80	G EMCL	1
13	G INPUT	0	47	W MCL	0	81	G EMCL	0
14			48	BSKIP	0	82	G EDRYL	1
15	G IOERR	0	49	TR11	0	83	G EDRYL	0
16	W IB15	0	50	G ECON	1	84		
17	G ERQ	0	51	TRR	0	85		
18	G BIOXE	0	52	G RMCL	0	86		
19	IRX4	1	53	TRA	0	87		
20	G IREN	1	54	G EADR	1	88		
21	DMAGRANT	0	55	TRIO	0	89		
22			56	G EIDENT	0	90		
23	CIKL	1	57			91		
24	BINPUT	0	58	INPL	1	92		
25	G INT12	0	59	INPL	0	93		
26	RESTART	0	60	ECONL	1	94		
27	G INT10	0	61	ECONL	0	95		
28	BCON	0	62	EREQ	1	96		
29	G INT15	0	63	EREQ	0	97		
30	BINT10	0	64	EINTL15	1	98		
31	G INT11	0	65	EINTL15	0	99		
32	BINT11	0	66	EINTL13	1			
33	G INT13	0	67	EINTL13	0			

CONNECTOR LIST

CONNECTOR: 123 DESIGNATION: A23 BOARD NAME: I/O ADDRESS

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W	BA6	0	68	G	EA5L	0	
01			35	W	MR6	1	69	G	EA5L	1	
02			36	W	BA7	0	70	G	EA6L	0	
03			37	W	MR7	1	71	G	EA6L	1	
04	G	IRX5	1	38	W	BA8	0	72	G	EA7L	0
05	W	IB8	0	39	W	MR8	1	73	G	EA7L	1
06	W	IB4	0	40	W	BA9	0	74	G	EA8L	0
07	W	IB0	0	41	W	MR9	1	75	G	EABL	1
08	G	IRX2	1	42	W	BA10	0	76	G	EA9L	0
09	W	IB9	0	43	W	MR10	1	77	G	EA9L	1
10	W	IB5	0	44	W	BA11	0	78	G	EA10L	0
11	W	IB1	0	45	W	MR11	1	79	G	EA10L	1
12	G	IRX3	1	46		BA12	0	80	G	EA11L	0
13	W	IB10	0	47	W	MR12	1	81	G	EA11L	1
14	W	IB6	0	48		BA13	0	82		EA12L	0
15	W	IB2	0	49	W	MR13	1	83		EA12L	1
16	G	IRX4	1	50		BA14	0	84		EA13L	0
17	W	IB11	0	51	W	MR14	1	85		EA13L	1
18	W	IB7	0	52		BA15	0	86		EA14L	0
19	W	IB3	0	53	W	MR15	1	87		EA14L	1
20		CIKL	1	54		EADR	1	88		EA15L	0
21		IREN	1	55	W	MR16	1	89		EA15L	1
22	W	BA0	0	56				90		EA16L	0
23	W	MR0	1	57	W	MR17	1	91		EA16L	1
24	W	BA1	0	58	G	EA0L	0	92		EA17L	0
25	W	MR1	1	59	G	EA0L	1	93		EA17L	1
26	W	BA2	0	60	G	EA1L	0	94			
27	W	MR2	1	61	G	EA1L	1	95			
28	W	BA3	0	62	G	EA2L	0	96			
29	W	MR3	1	63	G	EA2L	1	97			
30	W	BA4	0	64	G	EA3L	0	98			
31	W	MR4	1	65	G	EA3L	1	99			
32	W	BA5	0	66	G	EA4L	0				
33	W	MR5	1	67	G	EA4L	1				

CONNECTOR LIST

CONNECTOR: 124 DESIGNATION: A24 BOARD NAME: I/O DATA

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W	BD15 0	68	G	ED5L 0
01			35	W	IB3 0	69	G	ED5L 1
02			36			70	G	ED6L 0
03			37		BINPUT 1	71	G	ED6L 1
04	W	BD0 0	38			72	G	ED7L 0
05	W	IB12 0	39			73	G	ED7L 1
06	W	BD1 0	40			74	G	ED8L 0
07	W	IB8 0	41		EINPUT 1	75	G	ED8L 1
08	W	BD2 0	42			76	G	ED9L 0
09	W	IB4 0	43			77	G	ED9L 1
10	W	BD3 0	44			78	G	ED10L 0
11	W	IB0 0	45		DIE 0	79	G	ED10L 1
12	W	BD4 0	46			80	G	ED11L 0
13	W	IB13 0	47			81	G	ED11L 1
14	W	BD5 0	48			82	G	ED12L 0
15	W	IB9 0	49		IBS 1	83	G	ED12L 1
16	W	BD6 0	50			84	G	ED13L 0
17	W	IB5 0	51			85	G	ED13L 1
18	W	BD7 0	52			86	G	ED14L 0
19	W	IB1 0	53		ECON 1	87	G	ED14L 1
20	W	BD8 0	54			88	G	ED15L 0
21	W	IB14 0	55			89	G	ED15L 1
22	W	BD9 0	56		EIDENT 0	90		
23	W	IB10 0	57			91		
24	W	BD10 0	58	G	ED0L 0	92		
25	W	IB6 0	59	G	ED0L 1	93		
26	W	BD11 0	60	G	ED1L 0	94		
27	W	IB2 0	61	G	ED1L 1	95		
28	W	BD12 0	62	G	ED2L 0	96		
29	W	IB15 0	63	G	ED2L 1	97		
30	W	BD13 0	64	G	ED3L 0	98		
31		IB11 0	65	G	ED3L 1	99		
32	W	BD14 0	66	G	ED4L 0			
33	W	IB7 0	67	G	ED4L 1			

CONNECTOR LIST

CONNECTOR: 125 DESIGNATION: A25 BOARD NAME: I/O D&VICE

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

01			32	W BA0 0	63
02			33	W BA1 0	64
03			34	W BA2 0	65
04			35	W BINT12 0	66
05			36	W BA3 0	67
06	G IDENT1 0		37	W BA4 0	68
07	BIDENT 0		38	W BA5 0	69
08	G GRANT1 0		39	W BINT13 0	70
09	BGRANT 0		40	W BA6 0	71
10	W BD0 0		41	W BA7 0	72
11	BIOXE 0		42	W BA8 0	73
12	W BD1 0		43	W BINT15 0	74
13	W BD2 0		44	W BA9 0	75
14	W BD3 0		45	W BA10 0	76
15	W BINPUT 0		46	W BA11 0	77
16	W BD4 0		47	IOTE 0	78
17	W BD5 0		48	W BA12 0	79
18	W BD6 0		49	W BA13 0	80
19	W RESTART 0		50	W BA14 0	81
20	W BD7 0		51	BSKIP 0	82
21	W BD8 0		52	W BA15 0	83
22	W BD9 0		53	W BA16 0	84
23	W BCON 0		54	W BA17 0	85
24	W BD10 0		55	BMCL 0	86
25	W BD11 0		56		87
26	W BD12 0		57		88
27	W BINT10 0		58		89
28	W BD13 0		59		90
29	W BD14 0		60		
30	W BD15 0		61		
31	W BINT11 0		62		

CONNECTOR LIST

CONNECTOR: 126 DESIGNATION: A26 BOARD NAME: I/O DEVICE

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W BA2 0		68	
01			35	W BINT12 0		69	
02			36	W BA3 0		70	
03			37	W BA4 0		71	
04			38	W BA5 0		72	
05			39	W BINT13 0		73	
06	G IDENT3 0		40	W BA6 0		74	
07	IDENT1 0		41	W BA7 0		75	
08	G GRANT3 0		42	W BA8 0		76	
09	GRANT1 0		43	W BINT15 0		77	
10	W BDU 0		44	W BA9 0		78	
11	BIOXE 0		45	W BA10 0		79	
12	W BD1 0		46	W BA11 0		80	
13	W BD2 0		47	IOTE		81	
14	W BD3 0		48	W BA12 0		82	
15	W BINPUT 0		49	W BA13 0		83	
16	W BD4 0		50	W BA14 0		84	
17	W BD5 0		51	BSKIP 0		85	
18	W BD6 0		52	W BA15 0		86	
19	W RESTART 0		53	W BA16 0		87	
20	W BD7 0		54	W BA17 0		88	
21	W BD8 0		55	BMCL 0		89	
22	W BD9 0		56			90	
23	W BCON 0		57			91	
24	W BD10 0		58			92	
25	W BD11 0		59			93	
26	W BD12 0		60			94	
27	W BINT10 0		61			95	
28	W BD13 0		62			96	
29	W BD14 0		63			97	
30	W BD15 0		64			98	
31	W BINT11 0		65			99	
32	W BAO 0		66				
33	W BA1 0		67				

CONNECTOR LIST

CONNECTOR: 127 DESIGNATION: A27 BOARD NAME: I/O DEVICE
PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W BA2 0		68
01			35	W BINT12 0		69
02			36	W BA3 0		70
03			37	W BA4 0		71
04			38	W BA5 0		72
05			39	W BINT13 0		73
06	G IDENT5 0		40	W BA6 0		74
07	IDENT3 0		41	W BA7 0		75
08	G GRANT5 0		42	W BA8 0		76
09	GRANT3 0		43	W BINT15 0		77
10	W BD0 0		44	W BA9 0		78
11	BIOXE 0		45	W BA10 0		79
12	W BD1 0		46	W BA11 0		80
13	W BD2 0		47	IOTE		81
14	W BD3 0		48	W BA12 0		82
15	W BINPUT 0		49	W BA13 0		83
16	W BD4 0		50	W BA14 0		84
17	W BD5 0		51	BSKIP 0		85
18	W BD6 0		52	W BA15 0		86
19	W RESTART 0		53	W BA16 0		87
20	W BD7 0		54	W BA17 0		88
21	W BD8 0		55	BMCL 0		89
22	W BD9 0		56			90
23	W BCON 0		57			91
24	W BD10 0		58			92
25	W BD11 0		59			93
26	W BD12 0		60			94
27	W BINT10 0		61			95
28	W BD13 0		62			96
29	W BD14 0		63			97
30	W BD15 0		64			98
31	W BINT11 0		65			99
32	W BA0 0		66			
33	W BA1 0		67			

CONNECTOR LIST

CONNECTOR: 128 DESIGNATION: A28 BOARD NAME: I/O DEVICE
PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W BA2 0	68
01			35	W BINT12 0	69
02			36	W BA3 0	70
03			37	W BA4 0	71
04			38	W BA5 0	72
05			39	W BINT13 0	73
06	G IDENT7 0		40	W BA6 0	74
07	IDENT5 0		41	W BA7 0	75
08	G GRANT7 0		42	W BA8 0	76
09	GRANT5 0		43	W BINT15 0	77
10	W BD0 0		44	W BA9 0	78
11	BIOXE 0		45	W BA10 0	79
12	W BD1 0		46	W BA11 0	80
13	W BD2 0		47	IOTE	81
14	W BD3 0		48	W BA12 0	82
15	W BINPUT 0		49	W BA13 0	83
16	W BD4 0		50	W BA14 0	84
17	W BD5 0		51	BSKIP 0	85
18	W BD6 0		52	W BA15 0	86
19	W RESTART 0		53	W BA16 0	87
20	W BD7 0		54	W BA17 0	88
21	W BD8 0		55	BMCL 0	89
22	W BD9 0		56		90
23	W BCON 0		57		91
24	W BD10 0		58		92
25	W BD11 0		59		93
26	W BD12 0		60		94
27	W BINT10 0		61		95
28	W BD13 0		62		96
29	W BD14 0		63		97
30	W BD15 0		64		98
31	W BINT11 0		65		99
32	W BA0 0		66		
33	W BA1 0		67		

CONNECTOR LIST

CONNECTOR: 129 DESIGNATION: A29 BOARD NAME: I/O DEVICE

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W BA2 0	68
01			35	W BINT12 0	69
02			36	W BA3 0	70
03			37	W BA4 0	71
04			38	W BA5 0	72
05			39	W BINT13 0	73
06	G IDENT9 0		40	W BA6 0	74
07	IDENT7 0		41	W BA7 0	75
08	G GRANT9 0		42	W BA8 0	76
09	GRANT7 0		43	W BINT15 0	77
10	W BD0 0		44	W BA9 0	78
11	BIOXE 0		45	W BA10 0	79
12	W BD1 0		46	W BA11 0	80
13	W BD2 0		47	IOTE	81
14	W BD3 0		48	W BA12 0	82
15	W BINPUT 0		49	W BA13 0	83
16	W BD4 0		50	W BA14 0	84
17	W BD5 0		51	BSKIP 0	85
18	W BD6 0		52	W BA15 0	86
19	W RESTART 0		53	W BA16 0	87
20	W BD7 0		54	W BA17 0	88
21	W BD8 0		55	BMCL 0	89
22	W BD9 0		56		90
23	W BCON 0		57		91
24	W BD10 0		58		92
25	W BD11 0		59		93
26	W BD12 0		60		94
27	W BINT10 0		61		95
28	W BD13 0		62		96
29	W BD14 0		63		97
30	W BD15 0		64		98
31	W BINT11 0		65		99
32	W BA0 0		66		
33	W BA1 0		67		

CONNECTOR LIST

CONNECTOR: 130 DESIGNATION: A30 BOARD NAME: I/O DEVICE

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W BA2 0	68
01			35	W BINT12 0	69
02			36	W BA3 0	70
03			37	W BA4 0	71
04			38	W BA5 0	72
05			39	W BINT13 0	73
06	G IDENT11 0		40	W BA6 0	74
07	IDENT9 0		41	W BA7 0	75
08	G GRANT11 0		42	W BA8 0	76
09	GRANT9 0		43	W BINT15 0	77
10	W BD0 0		44	W BA9 0	78
11	BIOXE 0		45	W BA10 0	79
12	W BD1 0		46	W BA11 0	80
13	W BD2 0		47	IOTE	81
14	W BD3 0		48	W BA12 0	82
15	W HINPUT 0		49	W BA13 0	83
16	W BD4 0		50	W BA14 0	84
17	W BD5 0		51	BSKIP 0	85
18	W BD6 0		52	W BA15 0	86
19	W RESTART 0		53	W BA16 0	87
20	W BD7 0		54	W BA17 0	88
21	W BD8 0		55	BMCL 0	89
22	W BD9 0		56		90
23	W BCON 0		57		91
24	W BD10 0		58		92
25	W BD11 0		59		93
26	W BD12 0		60		94
27	W BINT10 0		61		95
28	W BD13 0		62		96
29	W BD14 0		63		97
30	W BD15 0		64		98
31	W BINT11 0		65		99
32	W BA0 0		66		
33	W BA1 0		67		

CONNECTOR LIST

CONNECTOR: 131 DESIGNATION: A31 BOARD NAME: I/O DEVICE

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W BA2 0	68
01			35	W BINT12 0	69
02			36	W BA3 0	70
03			37	W BA4 0	71
04			38	W BA5 0	72
05			39	W BINT13 0	73
06	G IDENT13 0		40	W BA6 0	74
07	IDENT11 0		41	W BA7 0	75
08	G GRANT13 0		42	W BA8 0	76
09	GRANT11 0		43	W BINT15 0	77
10	W BD0 0		44	W BA9 0	78
11	BIOXE 0		45	W BA10 0	79
12	W BD1 0		46	W BA11 0	80
13	W BD2 0		47	IOTE	81
14	W BD3 0		48	W BA12 0	82
15	W BINPUT 0		49	W BA13 0	83
16	W BD4 0		50	W BA14 0	84
17	W BD5 0		51	BSKIP 0	85
18	W BD6 0		52	W BA15 0	86
19	W RESTART 0		53	W BA16 0	87
20	W BD7 0		54	W BA17 0	88
21	W BD8 0		55	BMCL 0	89
22	W BD9 0		56		90
23	W BCON 0		57		91
24	W BD10 0		58		92
25	W BD11 0		59		93
26	W BD12 0		60		94
27	W BINT10 0		61		95
28	W BD13 0		62		96
29	W BD14 0		63		97
30	W BD15 0		64		98
31	W BINT11 0		65		99
32	W BA0 0		66		
33	W BA1 0		67		

CONNECTOR LIST

CONNECTOR: 132 DESIGNATION: A32 BOARD NAME: I/O DEVICE

PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF. PIN. SIGNAL CODE. REF.

00			34	W BA2 0	68
01			35	W BINT12 0	69
02			36	W BA3 0	70
03			37	W BA4 0	71
04			38	W BA5 0	72
05			39	W BINT13 0	73
06	G IDENT15 0		40	W BA6 0	74
07	IDENT13 0		41	W BA7 0	75
08	G GRANT15 0		42	W BA8 0	76
09	GRANT13 0		43	W BINT15 0	77
10	W BDU 0		44	W BA9 0	78
11	BIOXE 0		45	W BA10 0	79
12	W BD1 0		46	W BA11 0	80
13	W BD2 0		47	IOTE	81
14	W BD3 0		48	W BA12 0	82
15	W BINPUT 0		49	W BA13 0	83
16	W BD4 0		50	W BA14 0	84
17	W BD5 0		51	BSKIP 0	85
18	W BD6 0		52	W BA15 0	86
19	W RESTART 0		53	W BA16 0	87
20	W BD7 0		54	W BA17 0	88
21	W BD8 0		55	BMCL 0	89
22	W BD9 0		56		90
23	W BCON 0		57		91
24	W BD10 0		58		92
25	W BD11 0		59		93
26	W BD12 0		60		94
27	W BINT10 0		61		95
28	W BD13 0		62		96
29	W BD14 0		63		97
30	W BD15 0		64		98
31	W BINT11 0		65		99
32	W BA0 0		66		
33	W BA1 0		67		

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

AAKL 0	A03: 57 A12:G69	A05: 69	A06: 69	A07: 69
AA0 0	A02: 62	A03: 62	A04:G65	
AA1 0	A02: 70	A03: 70	A04:G73	
AA10 0	A02: 82	A03: 82	A04: 82	A06:G81
AA11 0	A02: 90	A03: 90	A06:G89	
AA12 0	A02: 68	A03: 68	A04: 70	A07:G65
AA13 0	A02: 76	A03: 76	A07:G73	
AA14 0	A02: 84	A03: 84	A07:G81	
AA15 0	A02: 92	A03: 92	A07:G89	
AA2 0	A02: 78	A03: 78	A04:G81	
AA3 0	A02: 86	A03: 86	A04:G89	
AA4 0	A02: 64	A03: 64	A05:G65	
AA5 0	A02: 72	A03: 72	A05:G73	
AA6 0	A02: 80	A03: 80	A05:G81	
AA7 0	A02: 88	A03: 88	A05:G89	
AA8 0	A02: 66	A03: 66	A06:G65	
AA9 0	A02: 74	A03: 74	A04: 74	A06:G73
ACKL 1	A03: 22	A04: 30	A05: 30	A06: 30
	A07: 30	A11: 30	A12:G31	
ACRO 1	A01:G16	A03: 12		
ACR16 1	A01: 59	A03:G59		
ACTLOOP 1	A08: 20	A12:G21		
AC0 0	A01: 14	A03:G13		
AC15 1	A02: 11	A03:G50		
ADRC12 0	A06:G14	A07: 15		
X ADRC16 0	A07:G14			
ADRC4 0	A04:G14	A05: 15		
ADRC8 0	A05:G14	A06: 15		
AEN 0	A04: 21	A05: 21	A06: 21	A07: 21
	A13:G17			
ALT 1	A08: 52	A09:G53		
AMBE1 0	A20:G48	A21: 49		
E AMBE2 1	A20: 46	A21: 47		
ARM 1	A01: 38	A02: 38	A03: 38	A03: 40
	A08:G41			
ASHM 0	A01:G47	A03: 46		
ASHS0 1	A03: 20	A08:G25		
ASHS1 1	A03: 15	A06: 12	A07: 12	A08:G13
ASHX 0	A01:G18	A03: 16		
ASH0 0	A01: 17	A03:G14	A09: 13	
ASH15 0	A01: 92	A03:G95		
ASUM0 0	A03:G25	A04: 27		
ASUM1 0	A03:G33	A04: 35		
ASUM10 0	A03:G45	A06: 43		
ASUM11 0	A03:G53	A06: 51		
ASUM12 0	A03:G31	A06: 29	A07: 27	
ASUM13 0	A03:G39	A07: 35		
ASUM14 0	A03:G47	A07: 43		
ASUM15 0	A03:G55	A07: 51		
ASUM2 0	A03:G41	A04: 43		
ASUM3 0	A03:G49	A04: 51		

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

ASUM4 0	A03:G27	A04: 29	A05: 27	
ASUM5 0	A03:G35	A05: 35		
ASUM6 0	A03:G43	A05: 43		
ASUM7 0	A03:G51	A05: 51		
ASUM8 0	A03:G29	A06: 27		
ASUM9 0	A03:G37	A06: 35		
AZERO 1	A01: 62	A03:G58		
A15 0	A01: 61	A02:G60		
BAKL 0	A02: 57	A12:G71		
X BA0 0	A23:W22	A25:W32	A26:W32	A27:W32
	A28:W32	A29:W32	A30:W32	A31:W32
	A32:W32			
X BA1 0	A23:W24	A25:W33	A26:W33	A27:W33
	A28:W33	A29:W33	A30:W33	A31:W33
	A32:W33			
BA10 0	A22: 41	A23:W42	A25:W45	A26:W45
	A27:W45	A28:W45	A29:W45	A30:W45
	A31:W45	A32:W45		
BA11 0	A22: 43	A23:W44	A25:W46	A26:W46
	A27:W46	A28:W46	A29:W46	A30:W46
	A31:W46	A32:W46		
BA12 0	A23: 46	A25:W48	A26:W48	A27:W48
	A28:W48	A29:W48	A30:W48	A31:W48
	A32:W48			
BA13 0	A23: 48	A25:W49	A26:W49	A27:W49
	A28:W49	A29:W49	A30:W49	A31:W49
	A32:W49			
BA14 0	A23: 50	A25:W50	A26:W50	A27:W50
	A28:W50	A29:W50	A30:W50	A31:W50
	A32:W50			
BA15 0	A23: 52	A25:W52	A26:W52	A27:W52
	A28:W52	A29:W52	A30:W52	A31:W52
	A32:W52			
X BA16 0	A25:W53	A26:W53	A27:W53	A28:W53
	A29:W53	A30:W53	A31:W53	A32:W53
X BA17 0	A25:W54	A26:W54	A27:W54	A28:W54
	A29:W54	A30:W54	A31:W54	A32:W54
X BA2 0	A23:W26	A25:W34	A26:W34	A27:W34
	A28:W34	A29:W34	A30:W34	A31:W34
	A32:W34			
X BA3 0	A23:W28	A25:W36	A26:W36	A27:W36
	A28:W36	A29:W36	A30:W36	A31:W36
	A32:W36			
X BA4 0	A23:W30	A25:W37	A26:W37	A27:W37
	A28:W37	A29:W37	A30:W37	A31:W37
	A32:W37			
X BA5 0	A23:W32	A25:W38	A26:W38	A27:W38
	A28:W38	A29:W38	A30:W38	A31:W38
	A32:W38			
X BA6 0	A23:W34	A25:W40	A26:W40	A27:W40
	A28:W40	A29:W40	A30:W40	A31:W40
	A32:W40			

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

X BA7 0	A23:W36 A28:W41 A32:W41	A25:W41 A29:W41	A26:W41 A30:W41	A27:W41 A31:W41
X BA8 0	A23:W38 A28:W42 A32:W42	A25:W42 A29:W42	A26:W42 A30:W42	A27:W42 A31:W42
X BA9 0	A23:W40 A28:W44 A32:W44	A25:W44 A29:W44	A26:W44 A30:W44	A27:W44 A31:W44
BB0 0	A02: 65	A03: 65	A04:G67	
BB1 0	A02: 73	A03: 73	A04:G75	
BB10 0	A02: 85	A03: 85	A06:G83	
BB11 0	A02: 93	A03: 93	A06:G91	
BB12 0	A02: 63	A03: 63	A07:G67	
BB13 0	A02: 71	A03: 71	A07:G75	
BB14 0	A02: 79	A03: 79	A07:G83	
BB15 0	A02: 87	A03: 87	A07:G91	
BB2 0	A02: 81	A03: 81	A04:G83	
BB3 0	A02: 89	A03: 89	A04:G91	
BB4 0	A02: 67	A03: 67	A04: 69	A05:G67
BB5 0	A02: 75	A03: 75	A04: 77	A05:G75
BB6 0	A02: 83	A03: 83	A04: 85	A05:G83
BB7 0	A02: 91	A03: 91	A05:G91	
BB8 0	A02: 69	A03: 69	A06:G67	
BB9 0	A02: 77	A03: 77	A06:G75	
BCKL 1	A01: 23 A07: 31	A02: 22 A11: 29	A05: 31 A12:G29	A06: 31
BCON 0	A22: 28 A28:W23 A32:W23	A25:W23 A29:W23	A26:W23 A30:W23	A27:W23 A31:W23
BCR0 1	A01:G12	A02: 12		
E BCR16 1	A01: 58	A02: 59		
BC0 0	A02:G13	A03: 94		
BC15 0	A01: 52	A02:G50		
X BDO 0	A24:W04 A28:W10 A32:W10	A25:W10 A29:W10	A26:W10 A30:W10	A27:W10 A31:W10
X BD1 0	A24:W06 A28:W12 A32:W12	A25:W12 A29:W12	A26:W12 A30:W12	A27:W12 A31:W12
X BD10 0	A24:W24 A28:W24 A32:W24	A25:W24 A29:W24	A26:W24 A30:W24	A27:W24 A31:W24
X BD11 0	A24:W26 A28:W25 A32:W25	A25:W25 A29:W25	A26:W25 A30:W25	A27:W25 A31:W25
X BD12 0	A24:W28 A28:W26 A32:W26	A25:W26 A29:W26	A26:W26 A30:W26	A27:W26 A31:W26
X BD13 0	A24:W30 A28:W28 A32:W28	A25:W28 A29:W28	A26:W28 A30:W28	A27:W28 A31:W28

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

X	BD14 0	A24:W32 A28:W29 A32:W29	A25:W29 A29:W29	A26:W29 A30:W29	A27:W29 A31:W29
X	BD15 0	A24:W34 A28:W30 A32:W30	A25:W30 A29:W30	A26:W30 A30:W30	A27:W30 A31:W30
X	BD2 0	A24:W08 A28:W13 A32:W13	A25:W13 A29:W13	A26:W13 A30:W13	A27:W13 A31:W13
X	BD3 0	A24:W10 A28:W14 A32:W14	A25:W14 A29:W14	A26:W14 A30:W14	A27:W14 A31:W14
X	BD4 0	A24:W12 A28:W16 A32:W16	A25:W16 A29:W16	A26:W16 A30:W16	A27:W16 A31:W16
X	BD5 0	A24:W14 A28:W17 A32:W17	A25:W17 A29:W17	A26:W17 A30:W17	A27:W17 A31:W17
X	BD6 0	A24:W16 A28:W18 A32:W18	A25:W18 A29:W18	A26:W18 A30:W18	A27:W18 A31:W18
X	BD7 0	A24:W18 A28:W20 A32:W20	A25:W20 A29:W20	A26:W20 A30:W20	A27:W20 A31:W20
X	BD8 0	A24:W20 A28:W21 A32:W21	A25:W21 A29:W21	A26:W21 A30:W21	A27:W21 A31:W21
X	BD9 0	A24:W22 A28:W22 A32:W22	A25:W22 A29:W22	A26:W22 A30:W22	A27:W22 A31:W22
	BERG 0	A12: 74	A13:675		
E	BGRANT 0	A25: 09			
	BIDENT 0	A22:G10	A25: 07		
	BINPUT 0	A22: 24 A28:W15 A32:W15	A25:W15 A29:W15	A26:W15 A30:W15	A27:W15 A31:W15
	BINPUT 1	A22:G35	A24: 37		
	BINT10 0	A22: 30 A28:W27 A32:W27	A25:W27 A29:W27	A26:W27 A30:W27	A27:W27 A31:W27
	BINT11 0	A22: 32 A28:W31 A32:W31	A25:W31 A29:W31	A26:W31 A30:W31	A27:W31 A31:W31
	BINT12 0	A22: 34 A28:W35 A32:W35	A25:W35 A29:W35	A26:W35 A30:W35	A27:W35 A31:W35
	BINT13 0	A22: 36 A28:W39 A32:W39	A25:W39 A29:W39	A26:W39 A30:W39	A27:W39 A31:W39
	BINT15 0	A22: 40 A28:W43 A32:W43	A25:W43 A29:W43	A26:W43 A30:W43	A27:W43 A31:W43

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

BIOXE 0	A22:G18 A28: 11 A32: 11	A25: 11 A29: 11	A26: 11 A30: 11	A27: 11 A31: 11
BMBE1 0	A18:G48	A19: 49		
BMBE2 1	A18:G46	A19: 47		
BMCL 0	A22:G52 A28: 55 A32: 55	A25: 55 A29: 55	A26: 55 A30: 55	A27: 55 A31: 55
BMIR31 0	A01: 90	A08:G95	A12: 94	
BMSRC 1	A08: 50	A09:G51		
BREN 0	A04: 94 A11:G92	A05: 94	A06: 94	A07: 94
BRXAD 0	A04: 93 A09:G91	A05: 93	A06: 93	A07: 93
BSHM 0	A01:G46	A02: 46		
BSHS0 1	A02: 20	A08:G21		
BSHS1 1	A02: 15 A05: 11	A04: 10 A06: 10	A04: 11 A06: 11	A05: 10 A08:G12
BSHX 0	A01:G19	A02: 16		
BSH0 0	A01: 15	A02:G14		
BSH15 0	A01: 94	A02:G95	A09: 81	
BSH6 0	A01: 64	A02:G56		
E BSKIP 0	A22: 48 A28: 51 A32: 51	A25: 51 A29: 51	A26: 51 A30: 51	A27: 51 A31: 51
BSUM0 0	A01: 33	A02:G25	A04: 26	
BSUM1 0	A01: 34	A02:G33	A04: 34	
BSUM10 0	A02:G45	A06: 42		
BSUM11 0	A02:G53	A06: 50		
BSUM12 0	A02:G31	A07: 26		
BSUM13 0	A02:G39	A07: 34		
BSUM14 0	A02:G47	A07: 42		
BSUM15 0	A01: 54	A02:G55	A07: 50	
BSUM2 0	A01: 40	A02:G41	A04: 42	
BSUM3 0	A01: 48	A02:G49	A04: 50	
BSUM4 0	A01: 35	A02:G27	A05: 26	
BSUM5 0	A01: 36	A02:G35	A05: 34	
BSUM6 0	A01: 42	A02:G43	A05: 42	
BSUM7 0	A01: 50	A02:G51	A05: 50	
BSUM8 0	A02:G29	A06: 26		
BSUM9 0	A02:G37	A06: 34		
BZERO 1	A01: 57	A02:G58		
B15 0	A01: 60	A02:G61		
E CC 0	A17: 89			
CIKL 1	A11: 28	A12:G28	A22: 23	A23: 20
CJARG 0	A09: 35	A11:G33		
COINC 0	A15: 43	A17:G41		
CONNECT 0	A13: 07	A22:G09		
CPCRY0 1	A04: 59	A13:G54		
CPCRY12 1	A06:G64	A07: 59		
X CPCRY16 1	A07:G64			
CPCRY4 1	A04:G64	A05: 59		

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

CPCRY8 1	A05:G64	A06: 59		
CPKL 1	A04: 58	A05: 58	A06: 58	A07: 58
	A12:G57			
CPLD 0	A04: 66	A05: 66	A06: 66	A07: 66
	A08:G67	A13: 66		
CPSEL 0	A04: 16	A05: 16	A06: 16	A07: 16
	A08:G17			
CRSEL0 0	A01: 49	A08:G71		
CRSEL1 0	A01: 53	A08:G73		
CYCL3 0	A13:G05	A15: 05		
DBL 0	A08:G42	A09: 43	A11: 42	A12: 43
	A13: 42			
DDBL 0	A08:G44	A13: 44		
X DEST15 0	A08:G18			
DIE 0	A22:G42	A24: 45		
DIFF 0	A15: 52	A16:G53		
DMAGRANT 0	A12: 26	A13:G16	A17: 93	A20: 20
	A22: 21			
E DRMA 0	A20: 93			
E DRMB 0	A18: 93			
EADR 1	A22:G54	A23: 54		
X EA0L 0	A23:G58			
X EA0L 1	A23:G59			
X EA1L 0	A23:G60			
X EA1L 1	A23:G61			
X EA10L 0	A23:G78			
X EA10L 1	A23:G79			
X EA11L 0	A23:G80			
X EA11L 1	A23:G81			
E EA12L 0	A23: 82			
E EA12L 1	A23: 83			
E EA13L 0	A23: 84			
E EA13L 1	A23: 85			
E EA14L 0	A23: 86			
E EA14L 1	A23: 87			
E EA15L 0	A23: 88			
E EA15L 1	A23: 89			
E EA16L 0	A23: 90			
E EA16L 1	A23: 91			
E EA17L 0	A23: 92			
E EA17L 1	A23: 93			
X EA2L 0	A23:G62			
X EA2L 1	A23:G63			
X EA3L 0	A23:G64			
X EA3L 1	A23:G65			
X EA4L 0	A23:G66			
X EA4L 1	A23:G67			
X EA5L 0	A23:G68			
X EA5L 1	A23:G69			
X EA6L 0	A23:G70			
X EA6L 1	A23:G71			
X EA7L 0	A23:G72			

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

X	EA7L	1	A23:673	
X	EA8L	0	A23:674	
X	EA8L	1	A23:675	
X	EA9L	0	A23:676	
X	EA9L	1	A23:677	
	ECON	1	A22:650	A24: 53
E	ECONL	0	A22: 61	
E	ECONL	1	A22: 60	
	EDRY	0	A13:604	A22: 07
X	EDRYL	0	A22:683	
X	EDRYL	1	A22:682	
X	ED0L	0	A24:658	
X	ED0L	1	A24:659	
X	ED1L	0	A24:660	
X	ED1L	1	A24:661	
X	ED10L	0	A24:678	
X	ED10L	1	A24:679	
X	ED11L	0	A24:680	
X	ED11L	1	A24:681	
X	ED12L	0	A24:682	
X	ED12L	1	A24:683	
X	ED13L	0	A24:684	
X	ED13L	1	A24:685	
X	ED14L	0	A24:686	
X	ED14L	1	A24:687	
X	ED15L	0	A24:688	
X	ED15L	1	A24:689	
X	ED2L	0	A24:662	
X	ED2L	1	A24:663	
X	ED3L	0	A24:664	
X	ED3L	1	A24:665	
X	ED4L	0	A24:666	
X	ED4L	1	A24:667	
X	ED5L	0	A24:668	
X	ED5L	1	A24:669	
X	ED6L	0	A24:670	
X	ED6L	1	A24:671	
X	ED7L	0	A24:672	
X	ED7L	1	A24:673	
X	ED8L	0	A24:674	
X	ED8L	1	A24:675	
X	ED9L	0	A24:676	
X	ED9L	1	A24:677	
	EGRANT	0	A12: 72	A13:673
X	EGRANTL	0	A22:679	
X	EGRANTL	1	A22:678	
	EIDENT	0	A22:656	A24: 56
X	EIDENTL	0	A22:675	
X	EIDENTL	1	A22:674	
	EINPUT	1	A22:638	A24: 41
E	EINTL10	0	A22: 73	
E	EINTL10	1	A22: 72	

SIGNAL CODE LIST

IG. SIGNAL CODE. REF. CONNECTED PINS:

E	EINTL11	0	A22:	71				
E	EINTL11	1	A22:	70				
E	EINTL12	0	A22:	69				
E	EINTL12	1	A22:	68				
E	EINTL13	0	A22:	67				
E	EINTL13	1	A22:	66				
E	EINTL15	0	A22:	65				
E	EINTL15	1	A22:	64				
X	EIOXE	0	A22:	G77				
X	EIOXE	1	A22:	G76				
X	ELCA	0	A20:	G92				
X	ELCB	0	A18:	G92				
X	EMCL	0	A22:	G81				
X	EMCL	1	A22:	G80				
E	EREG	0	A22:	63				
E	EREG	1	A22:	62				
	ERG	0	A13:	13	A22:	G17		
	FETCH	0	A10:	30	A11:	40	A12:	40
			A15:	46	A17:	43	A20:	43
			A11:	44	A12:	44	A13:	G41
	FIND	0					A13:	G45
X	FQ1	0	A22:	G06				
X	FQ2	0	A22:	G05				
	GRANT1	0	A25:	G08	A26:	09		
	GRANT11	0	A30:	G08	A31:	09		
	GRANT13	0	A31:	G08	A32:	09		
X	GRANT15	0	A32:	G08				
	GRANT3	0	A26:	G08	A27:	09		
	GRANT5	0	A27:	G08	A28:	09		
	GRANT7	0	A28:	G08	A29:	09		
	GRANT9	0	A29:	G08	A30:	09		
X	HH11	1	A06:	G07				
X	HH15	1	A07:	G07				
X	HH3	1	A04:	G07				
X	HH7	1	A05:	G07				
	HIGH	1	A04:	15	A04:	63	A04:	71
			A06:	63	A07:	63	A08:	G62
	HKL	0	A04:	90	A05:	90	A06:	90
			A13:	G88				A07:
	HSEL	0	A04:	08	A05:	08	A06:	08
			A13:	G10				A07:
			A06:	06	A07:	06		
E	H7	1	A22:	G46	A24:	49		
	IBS	1	A01:	W05	A04:	W05	A11:	W07
	IBO	0	A16:	W07	A17:	W07	A18:	W07
			A20:	W07	A21:	W07	A23:	W07
			A15:	84	A16:	G85		A14:
	IB0	1	A01:	W04	A04:	W09	A11:	W11
	IB1	0	A16:	W11	A17:	W11	A18:	W11
			A20:	W11	A21:	W11	A23:	W11
			A15:	86	A16:	G87		A14:
	IB1	1						11
								A19:
								W11
								A24:
								W19

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

	IB10 0	A06:W13 A17:W13 A21:W13	A11:W13 A18:W13 A23:W13	A14: 13 A19:W13 A24:W23	A16:W13 A20:W13
	IB10 1	A15: 30	A16:G31		
	IB11 0	A06:W17 A17:W17 A21:W17	A11:W17 A18:W17 A23:W17	A14: 17 A19:W17 A24: 31	A16:W17 A20:W17
X	IB11 1	A16:G29			
	IB12 0	A07:W05 A17:W04 A21:W04	A11:W04 A18:W04 A24:W05	A14: 04 A19:W04	A16:W04 A20:W04
	IB13 0	A07:W09 A17:W08 A21:W08	A11:W08 A18:W08 A22:W08	A14: 08 A19:W08 A24:W13	A16:W08 A20:W08
	IB14 0	A07:W13 A16:W12 A20:W12	A11:W12 A17:W12 A21:W12	A14: 12 A18:W12 A24:W21	A15:W12 A19:W12
X	IB14 1	A16:G23			
	IB15 0	A07:W17 A16:W16 A20:W16	A11:W16 A17:W16 A21:W16	A14: 16 A18:W16 A22:W16	A15:W16 A19:W16 A24:W29
X	IB15 1	A16:G25			
X	IB16 0	A19:W20	A21:W20		
X	IB17 0	A19:W21	A21:W21		
	IB2 0	A01:W06 A15:W14 A19:W15 A24:W27	A04:W13 A16:W15 A20:W15	A11:W15 A17:W15 A21:W15	A14: 15 A18:W15 A23:W15
	IB2 1	A15: 80	A16:G81		
	IB3 0	A01:W07 A16:W19 A20:W19	A04:W17 A17:W19 A21:W19	A11:W19 A18:W19 A23:W19	A14: 19 A19:W19 A24:W35
	IB3 1	A15: 82	A16:G83		
	IB4 0	A01:W27 A16:W06 A20:W06	A05:W05 A17:W06 A21:W06	A11:W06 A18:W06 A23:W06	A14: 06 A19:W06 A24:W09
	IB4 1	A15: 78	A16:G79		
	IB5 0	A01:W26 A16:W10 A20:W10	A05:W09 A17:W10 A21:W10	A11:W10 A18:W10 A23:W10	A14: 10 A19:W10 A24:W17
	IB5 1	A15: 76	A16:G77		
	IB6 0	A01:W29 A16:W14 A20:W14	A05:W13 A17:W14 A21:W14	A11:W14 A18:W14 A23:W14	A14: 14 A19:W14 A24:W25
E	IB6 1	A15: 44			
	IB7 0	A01:W32 A16:W18 A20:W18	A05:W17 A17:W18 A21:W18	A11:W18 A18:W18 A23:W18	A14: 18 A19:W18 A24:W33
	IB7 1	A15: 42	A16:G43		
	IB8 0	A06:W05 A17:W05 A21:W05	A11:W05 A18:W05 A23:W05	A14: 05 A19:W05 A24:W07	A16:W05 A20:W05

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

IB8 1	A15: 34	A16:G35		
IB9 0	A06:W09	A11:W09	A14: 09	A16:W09
	A17:W09	A18:W09	A19:W09	A20:W09
	A21:W09	A23:W09	A24:W15	
IB9 1	A15: 32	A16:G33		
IDENT1 0	A25:G06	A26: 07		
IDENT11 0	A30:G06	A31: 07		
IDENT13 0	A31:G06	A32: 07		
X IDENT15 0	A32:G06			
IDENT3 0	A26:G06	A27: 07		
IDENT5 0	A27:G06	A28: 07		
IDENT7 0	A28:G06	A29: 07		
IDENT9 0	A29:G06	A30: 07		
IDRY 1	A12: 82	A13:G83		
IGRANT 0	A12: 68	A13:G69	A14: 69	A15: 70
IIC0 1	A15:G91	A16: 90		
IIC1 1	A15:G90	A16: 91		
IIC2 1	A15:G93	A16: 92		
IIC3 1	A15:G92	A16: 93		
IINT 0	A15:G25	A16: 24		
IND 0	A10: 32	A12: 32	A12: 36	A13:G37
E INPL 0	A22: 59			
E INPL 1	A22: 58			
INPUT 0	A13: 09	A22:G13		
INT 0	A11: 48	A12: 48	A13: 46	A15:G49
INTRD 0	A15:G72	A16: 73		
INT10 0	A16: 28	A22:G27		
INT11 0	A16: 32	A22:G31		
INT12 0	A16: 22	A22:G25		
INT13 0	A16: 34	A16: 36	A22:G33	
INT15 0	A16: 30	A22:G29		
IODEST 0	A08:G06	A12: 06	A12: 07	A13: 06
IOERR 0	A13: 11	A15: 10	A22:G15	
ION 0	A15:G45	A17: 42		
E IOTE	A26: 47	A27: 47	A28: 47	A29: 47
	A30: 47	A31: 47	A32: 47	
IOTE 0	A22:G44	A25: 47		
IREN 1	A22:G20	A23: 21		
IRX2 1	A22: 11	A23:G08		
IRX3 1	A22: 12	A23:G12		
IRX4 1	A22: 19	A23:G16		
IRX5 1	A22: 04	A23:G04		
IR0 0	A09: 68	A11:G69		
IR0 1	A09: 60	A11:G61	A13: 58	
IR1 0	A09: 70	A11:G71		
IR1 1	A09: 62	A11:G63	A13: 61	
IR10 1	A09: 80	A11:G82		
IR2 0	A09: 72	A11:G73		
IR2 1	A09: 64	A11:G65	A13: 60	
IR3 1	A09: 66	A11:G67	A13: 63	
IR4 1	A09: 75	A11:G77		
IR5 1	A09: 76	A11:G79		

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

IR6 1	A09: 77	A11:G81		
IR8 1	A09: 78	A11:G83		
IR9 1	A09: 79	A11:G85		
ISO 1	A15:G68	A16: 69		
IS1 1	A15:G73	A16: 72		
LEV0 0	A01: 39	A04: 36	A05: 36	A06: 36
	A07: 36	A09:G37		
LEV1 0	A01: 41	A04: 41	A05: 41	A06: 41
	A07: 41	A09:G39		
LEV2 0	A01: 88	A04: 86	A05: 86	A06: 86
	A07: 86	A09:G84		
LEV3 0	A01: 86	A04: 87	A05: 87	A06: 87
	A07: 87	A09:G82		
LSEL 0	A08:G54	A09: 55		
X MA0 0	A18:W57	A20:W57		
X MA1 0	A18:W59	A20:W59		
X MA10 0	A18:W77	A20:W77		
X MA11 0	A18:W79	A20:W79		
X MA12 0	A18:W81	A20:W81		
X MA13 0	A18:W83	A20:W83		
X MA14 0	A18:W85	A20:W85		
X MA15 0	A18:W87	A20:W87		
X MA2 0	A18:W61	A20:W61		
X MA3 0	A18:W63	A20:W63		
X MA4 0	A18:W65	A20:W65		
X MA5 0	A18:W67	A20:W67		
X MA6 0	A18:W69	A20:W69		
X MA7 0	A18:W71	A20:W71		
X MA8 0	A18:W73	A20:W73		
X MA9 0	A18:W75	A20:W75		
E MBA0 0	A21: 76			
E MBA1 0	A21: 77			
E MBA10 0	A21: 86			
E MBA11 0	A21: 87			
E MBA12 0	A21: 88			
E MBA13 0	A21: 89			
E MBA14 0	A21: 90			
E MBA15 0	A21: 91			
E MBA16 0	A21: 92			
E MBA17 0	A21: 93			
E MBA2 0	A21: 78			
E MBA3 0	A21: 79			
E MBA4 0	A21: 80			
E MBA5 0	A21: 81			
E MBA6 0	A21: 82			
E MBA7 0	A21: 83			
E MBA8 0	A21: 84			
E MBA9 0	A21: 85			
E MBB0 0	A19: 76			
E MBB1 0	A19: 77			
E MBB10 0	A19: 86			
E MBB11 0	A19: 87			

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

E MBB12 0	A19: 88			
E MBB13 0	A19: 89			
E MBB14 0	A19: 90			
E MBB15 0	A19: 91			
E MBB16 0	A19: 92			
E MBB17 0	A19: 93			
E MBB2 0	A19: 78			
E MBB3 0	A19: 79			
E MBB4 0	A19: 80			
E MBB5 0	A19: 81			
E MBB6 0	A19: 82			
E MBB7 0	A19: 83			
E MBB8 0	A19: 84			
E MBB9 0	A19: 85			
MCL 0	A08: 46	A09: 47	A11: 46	A12:W47
	A13:W47	A14:W47	A15: 47	A16: 38
	A16: 44	A16: 46	A16: 64	A17: 44
	A18: 47	A20: 47	A22:W47	
	A14: 76			
E MCLEAR GR	A14: 77			
E MCLEAR 0	A21:G56			
X MDA0 0	A21:G57			
X MDA1 0	A21:G66			
X MDA10 0	A21:G67			
X MDA11 0	A21:G68			
X MDA12 0	A21:G69			
X MDA13 0	A21:G70			
X MDA14 0	A21:G71			
X MDA15 0	A21:G73			
X MDA16 0	A21:G72			
X MDA17 0	A21:G58			
X MDA2 0	A21:G59			
X MDA3 0	A21:G60			
X MDA4 0	A21:G61			
X MDA5 0	A21:G62			
X MDA6 0	A21:G63			
X MDA7 0	A21:G64			
X MDA8 0	A21:G65			
X MDA9 0	A19:G56			
X MDB0 0	A19:G57			
X MDB1 0	A19:G66			
X MDB10 0	A19:G67			
X MDB11 0	A19:G68			
X MDB12 0	A19:G69			
X MDB13 0	A19:G70			
X MDB14 0	A19:G71			
X MDB15 0	A19:G73			
X MDB16 0	A19:G72			
X MDB17 0	A19:G58			
X MDB2 0	A19:G59			
X MDB3 0	A19:G60			
X MDB4 0	A19:G61			
X MDB5 0				

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

X	MDB6	0	A19:G62				
X	MDB7	0	A19:G63				
X	MDB8	0	A19:G64				
X	MDB9	0	A19:G65				
	MDEA1	0	A20:G40	A21: 41			
	MDEB1	0	A18:G40	A19: 41			
E	MDRY	0	A13: 39	A14:G41	A15:W41		A17:W40
			A18:W41	A19:W40	A20:W41		A21:W40
			A22:W45				
	MIRDRY	1	A12: 66	A13:G67			
	MIRKL	1	A08: 40	A09: 41	A12:G41		
	MIRO	1	A04: 19	A05: 19	A06: 19		A07: 19
			A09:G19	A11: 21	A13: 19		
	MIR1	1	A01: 25	A04: 18	A05: 18		A06: 18
			A07: 18	A09:G18	A11: 20		A13: 18
	MIR10	1	A01: 75	A08: 81	A09:G83		A11: 84
	MIR11	1	A08: 84	A09:G85	A11: 87		
	MIR12	1	A01: 30	A02: 26	A03: 26		A09:G29
	MIR13	1	A01: 31	A02: 24	A03: 24		A09:G27
	MIR14	1	A01: 22	A02: 23	A03: 23		A09:G26
	MIR15	0	A08: 16	A09:G17			
	MIR15	1	A01: 37	A02: 32	A03: 32		A04: 32
			A04: 33	A08: 26	A09:G28		
	MIR19	1	A01: 51	A08:G72			
	MIR2	1	A01: 28	A04: 20	A05: 20		A06: 20
			A07: 20	A09:G20	A11: 22		A13: 20
	MIR21	0	A08:G28	A13: 28			
	MIR21	1	A08:G33	A13: 33			
	MIR22	0	A08:G30	A13: 30			
	MIR22	1	A08:G29	A13: 29			
	MIR23	0	A08:G32	A13: 32			
	MIR23	1	A08:G31	A13: 31			
	MIR24	0	A08:G22	A12: 25			
	MIR24	1	A04: 28	A05: 28	A06: 28		A07: 28
			A08:G27	A12: 27			
	MIR29	0	A08:G88	A11: 90			
	MIR29	1	A08:G90	A11: 93			
	MIR3	1	A01: 24	A04: 22	A05: 22		A06: 22
			A07: 22	A09:G22	A11: 24		A13: 22
	MIR31	0	A08:G93	A09: 94	A11: 95		
	MIR31	1	A08:G86	A11: 91	A12: 92		A13: 93
	MIR4	1	A04: 23	A05: 23	A06: 23		A07: 23
			A09:G21	A11: 23	A13: 21		
	MIR5	1	A04: 24	A05: 24	A06: 24		A07: 24
			A09:G24	A11: 26	A13: 24		
	MIR6	1	A04: 25	A05: 25	A06: 25		A07: 25
			A09:G23	A11: 25	A13: 23		
	MIR7	1	A09:G25	A11: 27	A13: 25		
	MIR8	0	A09:G86	A11: 89			
	MIR8	1	A01: 84	A08: 85	A09:G87		
	MIR9	0	A09:G88	A11: 88			
	MIR9	1	A01: 69	A08: 77	A09:G73		

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

MOPC 1	A09: 04	A14: 91	A15:G04	A15: 94
MOR 0	A10: 22	A13: 27	A15: 18	A20:G21
E MORE 1	A15: 54	A16:G45	A17:G45	
MPCKL 1	A11: 52	A12:G53		
MPCLD 0	A11: 66	A12:G67		
MPCRD 0	A11: 32	A13:G35		
MPC0 1	A10: 34	A11:G35		
MPC1 1	A10: 36	A11:G37		
MPC10 1	A10: 54	A11:G55		
MPC11 1	A10: 56	A11:G57		
MPC2 1	A10: 38	A11:G39		
MPC3 1	A10: 40	A11:G41		
MPC4 1	A10: 42	A11:G43		
MPC5 1	A10: 44	A11:G45		
MPC6 1	A10: 46	A11:G47		
MPC7 1	A10: 48	A11:G49		
MPC8 1	A10: 50	A11:G51		
MPC9 1	A10: 52	A11:G53		
E MR0 1	A14:G20	A17: 20	A18: 22	A19: 22
	A20: 22	A21: 22	A23:W23	
E MR1 1	A14:G21	A17: 21	A18: 23	A19: 23
	A20: 23	A21: 23	A23:W25	
E MR10 1	A14:G30	A17: 30	A18: 32	A19: 32
	A20: 32	A21: 32	A23:W43	
E MR11 1	A14:G31	A17: 31	A18: 33	A19: 33
	A20: 33	A21: 33	A23:W45	
E MR12 1	A14:G32	A17: 32	A18: 34	A19: 34
	A20: 34	A21: 34	A23:W47	
E MR13 1	A14:G33	A17: 33	A18: 35	A19: 35
	A20: 35	A21: 35	A23:W49	
E MR14 1	A14:G34	A17: 34	A18: 36	A19: 36
	A20: 36	A21: 36	A23:W51	
E MR15 1	A14:G35	A17: 35	A18: 37	A19: 37
	A20: 37	A21: 37	A23:W53	
E MR16 1	A14:G36	A17: 36	A18: 38	A19: 38
	A20: 38	A21: 38	A23:W55	
E MR17 1	A14:G37	A17: 37	A18: 39	A19: 39
	A20: 39	A21: 39	A23:W57	
E MR2 1	A14:G22	A17: 22	A18: 24	A19: 24
	A20: 24	A21: 24	A23:W27	
E MR3 1	A14:G23	A17: 23	A18: 25	A19: 25
	A20: 25	A21: 25	A23:W29	
E MR4 1	A14:G24	A17: 24	A18: 26	A19: 26
	A20: 26	A21: 26	A23:W31	
E MR5 1	A14:G25	A17: 25	A18: 27	A19: 27
	A20: 27	A21: 27	A23:W33	
E MR6 1	A14:G26	A17: 26	A18: 28	A19: 28
	A20: 28	A21: 28	A23:W35	
E MR7 1	A14:G27	A17: 27	A18: 29	A19: 29
	A20: 29	A21: 29	A23:W37	
E MR8 1	A14:G28	A17: 28	A18: 30	A19: 30
	A20: 30	A21: 30	A23:W39	

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

E MR9 1	A14:G29	A17: 29	A18: 31	A19: 31
	A20: 31	A21: 31	A23:W41	
OK 1	A14:G74	A15: 75		
OPCOM 0	A11: 38	A12: 38	A13: 40	A15:G39
OPINT 0	A11: 36	A12: 37	A13: 38	A15:G40
E OSC 0	A17: 91			
X PB0 0	A17:G57			
X PB1 0	A17:G59			
X PB10 0	A17:G77			
X PB11 0	A17:G79			
X PB12 0	A17:G81			
X PB13 0	A17:G83			
X PB14 0	A17:G85			
X PB15 0	A17:G87			
X PB2 0	A17:G61			
X PB3 0	A17:G63			
X PB4 0	A17:G65			
X PB5 0	A17:G67			
X PB6 0	A17:G69			
X PB7 0	A17:G71			
X PB8 0	A17:G73			
X PB9 0	A17:G75			
X PCR0 0	A14:G92			
PCR1 0	A14:G90	A15: 89		
PCR32 1	A01:G83	A02: 94		
E PERM 0	A13: 84	A14: 85		
PERR 0	A15: 38	A20:G42		
PE14 1	A15: 27	A16:G26		
PF 0	A14:G66	A15: 57		
PFAIL 0	A14:G40	A15: 13	A15: 48	
E PFINT GR	A14: 78			
E PFINT 0	A14: 79			
PGSE 0	A14: 62	A15:G62		
PGSKL 1	A14: 60	A15:G60		
PILKL 1	A15:G66	A16: 67		
PILO 1	A09: 57	A14: 58	A16:G57	A17: 46
PIL1 1	A09: 59	A14: 61	A15: 59	A16:G59
	A17: 48			
PIL2 1	A09: 61	A14: 63	A15: 61	A16:G61
	A17: 50			
PIL3 1	A09: 71	A14: 70	A15: 71	A16:G71
	A17: 52			
E PJMP 1	A08: 78	A15: 79		
PON 0	A14: 38	A15:G37	A17: 38	
E PRIVINT 0	A12: 30	A15: 29		
PSTR 0	A14: 84	A15:G85		
X PTSEL 0	A11:G86			
E PTSEL 1	A14: 95			
PT13 1	A13: 74	A14:G75		
PT14 1	A13: 72	A14:G73		
PT15 1	A13: 82	A14:G83		
PYEA1 1	A20: 44	A21:G45		

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

	PYEA2 1	A20: 50	A21:G51		
X	PYEB 0	A18:G42			
	PYEB1 1	A18: 44	A19:G45		
	PYEB2 1	A18: 50	A19:G51		
	RBXC12 0	A06:G72	A07: 71		
X	RBXC16 0	A07:G72			
	RBXC4 0	A04:G72	A05: 71		
	RBXC8 0	A05:G72	A06: 71		
E	RCRY0 1	A04: 52	A04: 53	A05: 52	A06: 52
		A07: 52	A13: 50		
	RCRY12 1	A06:G54	A07: 53		
X	RCRY16 1	A07:G54			
	RCRY4 1	A04:G54	A05: 53		
	RCRY8 1	A05:G54	A06: 53		
	READ 0	A10: 93	A13:G91		
	REL 0	A04: 95	A05: 95	A06: 95	A07: 95
		A11:G94			
	RESTART 0	A22: 26	A25:W19	A26:W19	A27:W19
		A28:W19	A29:W19	A30:W19	A31:W19
		A32:W19			
	RE01 GR	A04:G02	A04: 04	A04: 06	A05: 04
		A05: 06			
	RE03 GR	A06: 68	A06: 76	A06: 84	A06: 92
		A06:G96	A07: 68	A07: 76	A07: 84
		A07: 92			
	RGRANT 0	A13: 36	A14:G39		
	RKL 1	A04: 44	A05: 44	A06: 44	A07: 44
		A12:G45			
	RLD 0	A04: 55	A05: 55	A06: 55	A07: 55
		A08:G51			
	ROMDRY 0	A10:G91	A13: 89		
	ROMRQ 1	A10: 90	A12:G90	A13: 90	
	ROM0 1	A09: 06	A10:G07		
	ROM1 1	A09: 08	A10:G09		
	ROM10 1	A09: 40	A10:G41		
	ROM11 1	A09: 42	A10:G43		
	ROM12 1	A09: 44	A10:G45		
	ROM13 1	A09: 46	A10:G47		
	ROM14 1	A09: 48	A10:G49		
	ROM15 1	A09: 50	A10:G51		
	ROM16 1	A09: 52	A10:G53		
	ROM17 1	A09: 54	A10:G55		
	ROM18 1	A09: 56	A10:G57		
	ROM19 1	A08: 58	A10:G59		
	ROM2 1	A09: 10	A10:G11		
	ROM20 1	A08: 59	A10:G58		
	ROM21 1	A08: 60	A10:G61		
	ROM22 1	A08: 61	A10:G60		
	ROM23 1	A08: 64	A10:G63		
	ROM24 1	A08: 65	A10:G62		
	ROM25 1	A08: 66	A10:G65		
	ROM26 1	A08: 68	A10:G64		

SIGNAL CODE LIST

16. SIGNAL CODE. REF. CONNECTED PINS:

ROM27 1	A08: 69	A10:G67		
ROM28 1	A08: 70	A10:G66		
ROM29 1	A08: 74	A10:G69		
ROM3 1	A09: 12	A10:G13		
ROM30 1	A08: 92	A09: 93	A10:G92	A12: 93
ROM31 1	A08: 94	A09: 95	A10:G94	A12: 95
ROM4 1	A09: 14	A10:G15		
ROM5 1	A09: 30	A10:G31		
ROM6 1	A09: 32	A10:G33		
ROM7 1	A09: 34	A10:G35		
ROM8 1	A09: 36	A10:G37		
ROM9 1	A09: 38	A10:G39		
ROR 0	A10:G68	A15: 50		
R0 1	A04:G49	A14: 51		
R1 1	A04:G48	A14: 48		
R10 1	A06:G57	A14: 55		
R11 1	A06:G56	A14: 52		
R12 1	A07:G49	A14: 49		
R13 1	A07:G48	A14: 46		
R14 1	A07:G57	A14: 57		
R15 1	A07:G56	A14: 54		
R2 1	A04:G57	A14: 59		
R3 1	A04:G56	A14: 56		
R4 1	A05:G49	A14: 43		
R5 1	A05:G48	A14: 42		
R6 1	A05:G57	A14: 53		
R7 1	A05:G56	A14: 50		
R8 1	A06:G49	A14: 45		
R9 1	A06:G48	A14: 44		
SHADOW 0	A13: 87	A14:G88	A15: 88	
SHCKL 1	A01: 45	A12:G65		
SHC0 0	A01:G11	A02: 08	A03: 08	
SHC1 0	A01:G10	A02: 09	A03: 09	
SHC2 0	A01:G13	A02: 10	A03: 10	
SHC3 0	A01:G21	A02: 19	A03: 19	
SHC4 0	A01:G20	A02: 21	A03: 21	
SHC5 0	A01:G55	A02: 54	A03: 54	
SHKL 1	A02: 17	A03: 17	A12:G15	
SI 0	A15:G63	A16: 63		
SI 1	A08:G37	A15: 35		
SIC 0	A13:G48	A18: 49	A20: 49	
X SICMA 0	A20:G89			
X SICMB 0	A18:G89			
SIR9 1	A08: 34	A11:G34	A13: 34	
SKL 1	A01: 82	A08:G87		
SLO 0	A02: 36	A03: 36	A09:G33	
SL1 0	A02: 44	A03: 44	A09:G49	
SL2 0	A02: 30	A03: 30	A05: 33	A06: 33
	A07: 33	A09:G31		
E SM 1	A11: 74			
SOC 0	A13:G49	A18: 51	A20: 51	
X SOCMA 0	A20:G91			

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

X	SOCMB 0	A18:G91			
X	SSTOP 0	A17:G95			
	STARTP 0	A14: 82	A15:G83		
	STOP 0	A15: 36	A17:G39		
	STSRD 0	A01: 44	A13:G26	A13: 52	A15: 26
		A16: 27			
	STS0 0	A01:G68	A11: 68		
E	STS0 1	A04: 68			
	STS1 1	A01:G77	A04: 76		
	STS2 1	A01:G85	A04: 84		
	STS3 1	A01:G93	A04: 92		
	STS4 1	A01:G71	A05: 68		
	STS5 1	A01:G79	A05: 76		
	STS6 1	A01:G87	A05: 84		
	STS7 1	A01:G95	A05: 92		
	S0 0	A01: 08	A02: 07	A03: 07	A07: 10
		A07: 11	A08:G11		
	S1 0	A01: 09	A02: 05	A03: 05	A08:G07
	S2 0	A02: 04	A03: 04	A08:G05	
	S3 0	A02: 06	A03: 06	A08:G09	
	TC0 0	A08: 08	A12:G09	A13: 08	
	TC1 1	A08: 14	A09: 15	A12:G14	A13: 15
	TC2 0	A08: 10	A12:G13	A13: 12	
E	TDRY 0	A13: 43			
	TERM 0	A01:G65	A05: 77	A06: 77	A07: 77
		A11: 75	A12: 77		
	TRA 0	A12: 63	A13:G64	A15: 69	A17: 54
		A20: 55	A22: 53		
E	TRIO 0	A15: 58	A22: 55		
E	TRR 0	A12: 62	A13: 62	A15: 67	A16: 66
		A17: 55	A22: 51		
	TRRIR 0	A12: 64	A13:G65		
	TRRPCR 1	A14: 65	A15:G64		
	TRRSTS 0	A08: 79	A11: 76	A13:G78	
	TRUE 1	A01:G91	A08: 91	A12: 91	
	TR0 0	A12: 50	A13:G51	A17: 51	
	TR10 0	A13:G70	A17: 53		
	TR11 0	A12: 54	A13:G55	A20: 54	A22: 49
	TR13 0	A13:G68	A20: 53		
	TR14 0	A12: 52	A13:G53	A15: 53	
	TR2 0	A13:G56	A17: 47		
	TR3 0	A13:G94	A14: 94	A15: 95	
	TR4 0	A13:G80	A15: 81		
	TR5 0	A13:G76	A15: 74		
	TR6 0	A13:G86	A15: 87	A16: 86	
	TR7 0	A13:G77	A15: 77	A16: 76	
X	TR8 0	A13:G79			
	TR9 0	A13:G71	A17: 49		
	TWC1 0	A10: 83	A17:W80		
	TWC2 0	A10: 85	A17:W82		
	TWC3 0	A10: 87	A17:W84		
	TWC4 0	A10: 89	A17:W86		

SIGNAL CODE LIST

IG.SIGNAL CODE. REF.CONNECTED PINS:

TW0 0	A10: 70	A17:W56		
TW1 0	A10: 71	A17:W58		
TW10 0	A10: 80	A17:W76		
TW11 0	A10: 81	A17:W78		
TW12 0	A10: 82	A17:W88		
TW13 0	A10: 84	A17:W90		
TW14 0	A10: 86	A17:W92		
TW15 0	A10: 88	A17:W94		
TW2 0	A10: 72	A17:W60		
TW3 0	A10: 73	A17:W62		
TW4 0	A10: 74	A17:W64		
TW5 0	A10: 75	A17:W66		
TW6 0	A10: 76	A17:W68		
TW7 0	A10: 77	A17:W70		
TW8 0	A10: 78	A17:W72		
TW9 0	A10: 79	A17:W74		
T1 0	A01: 56	A08: 75	A12:G75	
T3 1	A12:G12	A13: 14	A15: 15	
T5 0	A08: 36	A12:G39		
E UAEA 0	A20: 45			
E UAEB 0	A18: 45			
E UAMA 0	A20: 95			
E UAMB 0	A18: 95			
WA 0	A04: 47	A05: 47	A06: 47	A07: 47
	A08:G45			
WB 0	A04: 60	A05: 60	A06: 60	A07: 60
	A08:G56			
WD 0	A04: 46	A05: 46	A06: 46	A07: 46
	A08:G47			
WL 0	A04: 38	A05: 38	A06: 38	A07: 38
	A08:G39			
WPCR 0	A14: 64	A15:G65		
WREN 1	A08:G04	A12: 05		
WRITE 0	A10: 95	A13:G95		
WRITE 1	A13:G92	A14: 93		
WSCR 0	A04: 37	A05: 37	A06: 37	A07: 37
	A08:G35			
WSHC 0	A01: 43	A08:G49		
WSP 0	A04: 45	A05: 45	A06: 45	A07: 45
	A08:G43			
WSSTS 0	A04: 62	A05: 62	A06: 62	A07: 62
	A08:G63			
WSTS 0	A01: 89	A08:G83		
WT 0	A04: 39	A05: 39	A06: 39	A07: 39
	A08:G38			
WA 0	A05: 61	A05: 61	A06: 61	A07: 61
	A08:G57			
Z 0	A01:G67	A15: 55		
E 16BIT 0	A18: 52	A20: 52		

- we want bits of the future

A/S NORSK DATA-ELEKTRONIKK LØRENVEIEN 57 OSLO 5 NORWAY PHONE: 2173 71 TELEX: 18284