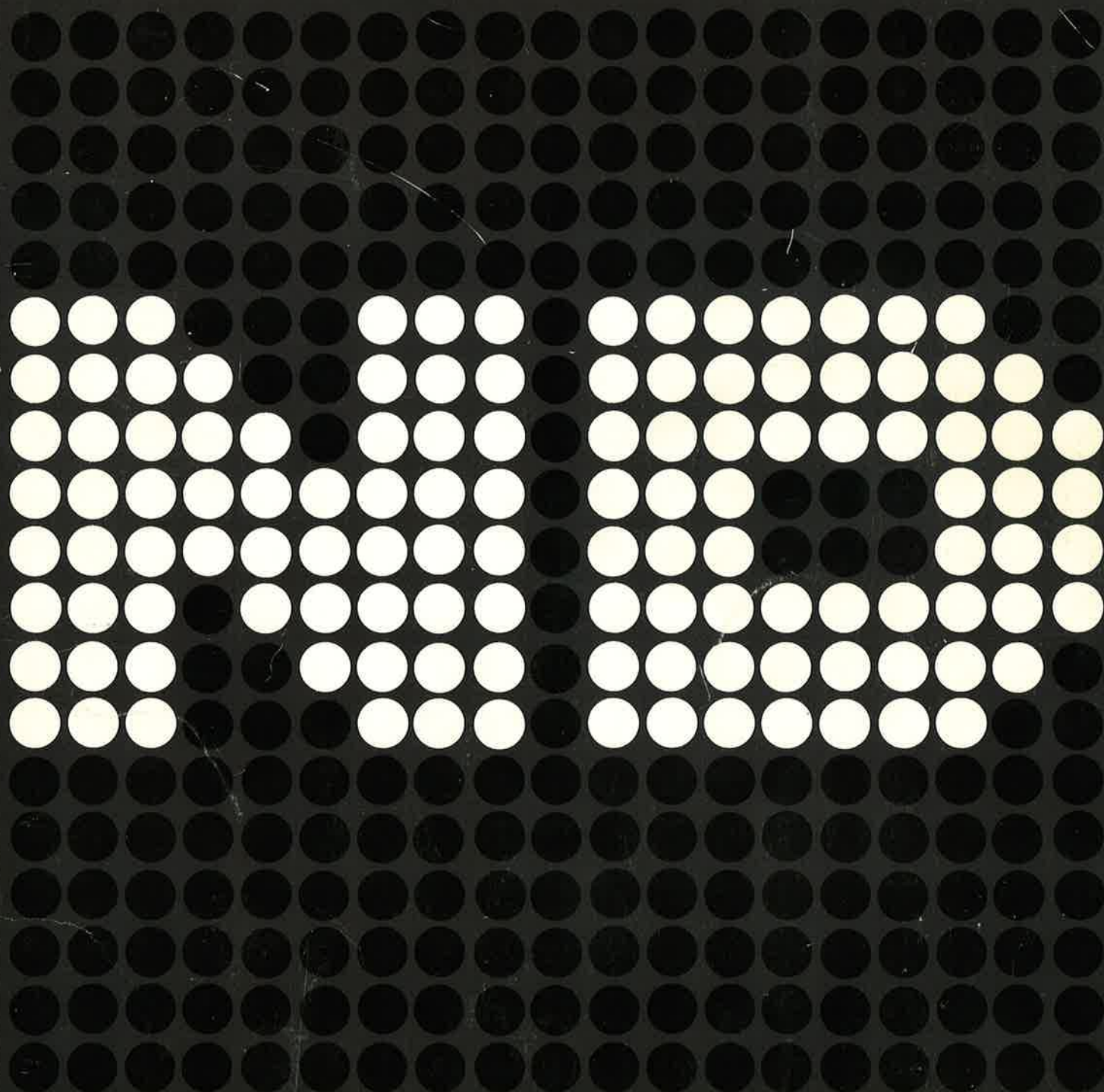


BACKWIRING TIL NORD-10

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 | MDR0 | 90 | | MBB14 | 0 |
| 23 | | MR1 | 57 | G | MDR1 | 91 | | MBB15 | 0 |
| 24 | | MR2 | 58 | G | MDR2 | 92 | | MBB16 | 0 |
| 25 | | MR3 | 59 | G | MDR3 | 93 | | MBB17 | 0 |
| 26 | | MR4 | 60 | G | MDR4 | 94 | | | |
| 27 | | MR5 | 61 | G | MDR5 | 95 | | | |
| 28 | | MR6 | 62 | G | MDR6 | 96 | | | |
| 29 | | MR7 | 63 | G | MDR7 | 97 | | | |
| 30 | | MR8 | 64 | G | MDR8 | 98 | | | |
| 31 | | MR9 | 65 | G | MDR9 | 99 | | | |
| 32 | | MR10 | 66 | G | MDR10 | | | | |
| 33 | | MR11 | 67 | G | MDR11 | | | | |

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 BA0 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 A07: 30 | A04: 30 A11: 30 | A05: 30 A12:G31 | A06: 30 |
| 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 A13:G17 | A05: 21 | A06: 21 | A07: 21 |
| ALT 1 | A08: 52 | A09:G53 | | |
| AMBE1 0 | A20:G48 | A21: 49 | | |
| E AMBE2 1 | A20: 46 | A21: 47 | | |
| ARM 1 | A01: 38 A08:G41 | A02: 38 | A03: 38 | A03: 40 |
| 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 | | |
| BCO 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 | A13:G41 |
| | | | A11: | 44 | A12: | 44 | A20: 43 |
| | 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 | A05: 63 |
| | HKL | 0 | A04: | 90 | A05: | 90 | A08:G62 |
| | | | A13: | G88 | | | A06: 90 |
| | HSEL | 0 | A04: 08 | A05: 08 | A06: | 08 | A07: 90 |
| | | | A13: | G10 | | | A07: 08 |
| E | H7 | 1 | A06: | 06 | A07: | 06 | |
| | IBS | 1 | A22: | G46 | A24: | 49 | |
| | IB0 | 0 | A01: | W05 | A04: | W05 | A11:W07 |
| | | | A16: | W07 | A17: | W07 | A14: 07 |
| | | | A20: | W07 | A21: | W07 | A18:W07 |
| | IB0 | 1 | A15: | 84 | A16: | G85 | A19:W07 |
| | IB1 | 0 | A01: | W04 | A04: | W09 | A24:W11 |
| | | | A16: | W11 | A17: | W11 | |
| | | | A20: | W11 | A21: | W11 | A11:W11 |
| | IB1 | 1 | A15: | 86 | A16: | G87 | A14: 11 |
| | | | | | | | A18:W11 |
| | | | | | | | 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 | |
| | A22:G44 | A25: 47 | | |
| IOTE 0 | A22:G20 | A23: 21 | | |
| IREN 1 | A22: 11 | A23:G08 | | |
| IRX2 1 | A22: 12 | A23:G12 | | |
| IRX3 1 | A22: 19 | A23:G16 | | |
| IRX4 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 | | |
| SL0 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