

SMINI Address Scheme for Card A0 (NODE 0)									
DEVI	SIG	INPUT	OUTPUT	CARD	PORT	POSITION	CONN	SCHEM	REAMRKS
CE	COLOR							PAGE	
OUTPUTS									
BLK_1WS_1	GREEN		X	0	A	A0	J4 PIN 1	4	
BLK_1WS_1	YELLOW		X	0	A	A1	J4 PIN 2	4	
BLK_1WS_1	RED		X	0	A	A2	J4 PIN 3	4	
BLK_1WS_2	GREEN		X	0	A	A3	J4 PIN 4	4	
BLK_1WS_2	YELLOW		X	0	A	A4	J4 PIN 5	4	
BLK_1WS_2	RED		X	0	A	A5	J4 PIN 6	4	
BLK_1WS_3	GREEN		X	0	A	A6	J4 PIN 7	4	NOTE: The BLK_1WS_3 top signal will always be RED.
BLK_1WS_3	YELLOW		X	0	A	A7	J4 PIN 8	4	NOTE: The BLK_1WS_3 top signal will always be RED.
BLK_1WS_3	RED		X	0	B	B0	J4 PIN 9	4	NOTE: The BLK_1WS_3 top signal will always be RED.
BLK_2WS	GREEN		X	0	B	B1	J4 PIN 10	4	
BLK_2WS	YELLOW		X	0	B	B2	J4 PIN 11	4	
BLK_2WS	RED		X	0	B	B3	J4 PIN 12	4	
BLK_1ES	GREEN		X	0	B	B4	J5 PIN 1	4	
BLK_1ES	YELLOW		X	0	B	B5	J5 PIN 2	4	
BLK_1ES	RED		X	0	B	B6	J5 PIN 3	4	
BLK_2ES	GREEN		X	0	B	B7	J5 PIN 4	4	
BLK_2ES	YELLOW		X	0	C	C0	J5 PIN 5	4	
BLK_2ES	RED		X	0	C	C1	J5 PIN 6	4	
BLK_3WS	GREEN		X	0	C	C2	J5 PIN 7	4	
BLK_3WS	YELLOW		X	0	C	C3	J5 PIN 8	4	
BLK_3WS	RED		X	0	C	C4	J5 PIN 9	4	
BLK_3ES	GREEN		X	0	C	C5	J5 PIN 10	4	
BLK_3ES	YELLOW		X	0	C	C6	J5 PIN 11	4	
BLK_3ES	RED		X	0	C	C7	J5 PIN 12	4	
BLK_4WS	GREEN		X	1	A	A0	J6 PIN 1	4	
BLK_4WS	YELLOW		X	1	A	A1	J6 PIN 2	4	
BLK_4WS	RED		X	1	A	A2	J6 PIN 3	4	
BLK_17WS_1	GREEN		X	1	A	A3	J6 PIN 4	4	
BLK_17WS_1	YELLOW		X	1	A	A4	J6 PIN 5	4	
BLK_17WS_1	RED		X	1	A	A5	J6 PIN 6	4	
BLK_17WS_2	GREEN		X	1	A	A6	J6 PIN 7	4	
BLK_17WS_2	YELLOW		X	1	A	A7	J6 PIN 8	4	
BLK_17WS_2	RED		X	1	B	B0	J6 PIN 9	4	
BLK_14_17ES_TH	GREEN		X	1	B	B1	J6 PIN 10	4	NOTE: Top signal head
BLK_14_17ES_TH	YELLOW		X	1	B	B2	J6 PIN 11	4	NOTE: Top signal head
BLK_14_17ES_TH	RED		X	1	B	B3	J6 PIN 12	4	NOTE: Top signal head
BLK_14_17ES_BH	GREEN		X	1	B	B4	J7 PIN 1	4	NOTE: Bottom signal head
BLK_14_17ES_BH	YELLOW		X	1	B	B5	J7 PIN 2	4	NOTE: Bottom signal head
BLK_14_17ES_BH	RED		X	1	B	B6	J7 PIN 3	4	NOTE: Bottom signal head
BLK_15_16ES_TH	GREEN		X	1	B	B7	J7 PIN 4	4	NOTE: Top signal head
BLK_15_16ES_TH	YELLOW		X	1	C	C0	J7 PIN 5	4	NOTE: Top signal head
BLK_15_16ES_TH	RED		X	1	C	C1	J7 PIN 6	4	NOTE: Top signal head
BLK_15_16ES_MH	GREEN		X	1	C	C2	J7 PIN 7	4	NOTE: Middle signal head
BLK_15_16ES_MH	YELLOW		X	1	C	C3	J7 PIN 8	4	NOTE: Middle signal head
BLK_15_16ES_MH	RED		X	1	C	C4	J7 PIN 9	4	NOTE: Middle signal head
BLK_15_16ES_BH	GREEN		X	1	C	C5	J7 PIN 10	4	NOTE: Bottom signal head
BLK_15_16ES_BH	LUNA		X	1	C	C6	J7 PIN 11	4	NOTE: Bottom signal head
BLK_15_16ES_BH	RED		X	1	C	C7	J7 PIN 12	4	NOTE: Bottom signal head
INPUTS									
		X		2	A	A0	J8 PIN 1	5	
		X		2	A	A1	J8 PIN 2	5	
		X		2	A	A2	J8 PIN 3	5	
		X		2	A	A3	J8 PIN 4	5	
		X		2	A	A4	J8 PIN 5	5	
		X		2	A	A5	J8 PIN 6	5	
		X		2	A	A6	J8 PIN 7	5	
		X		2	A	A7	J8 PIN 8	5	
		X		2	B	B0	J8 PIN 9	5	
		X		2	B	B1	J8 PIN 10	5	
		X		2	B	B2	J8 PIN 11	5	
		X		2	B	B3	J8 PIN 12	5	
		X		2	B	B4	J9 PIN 1	5	
TRN_8		X		2	B	B5	J9 PIN 2	5	
TRN_3		X		2	B	B6	J9 PIN 3	5	
TRN_2		X		2	B	B7	J9 PIN 4	5	
TRN_6		X		2	C	C0	J9 PIN 5	5	
TRN_1		X		2	C	C1	J9 PIN 6	5	
BLK_15_DET		X		2	C	C2	J9 PIN 7	5	
BLK_5_DET		X		2	C	C3	J9 PIN 8	5	
BLK_4_DET		X		2	C	C4	J9 PIN 9	5	
BLK_3_DET		X		2	C	C5	J9 PIN 10	5	
BLK_2_DET		X		2	C	C6	J9 PIN 11	5	
BLK_1_DET		X		2	C	C7	J9 PIN 12	5	
					H1	+ IN	J10 PIN 5	2	RS-485 in + from RS-323 converter
					H1	-IN	J10 PIN 4	2	RS-485 in - from RS-232 converter
					H1	+ OUT	J10 PIN 3	2	RS-485 out + from RS-232 converter
					H1	- OUT	J10 PIN 2	2	RS-485 out - from RS-232 converter
					H1	SHLD	J10 PIN 1	2	
					H2	+ IN	J11 PIN 5	2	RS-485 in + to next SMINI
					H2	-IN	J11 PIN 4	2	RS-485 in - to next SMINI
					H2	+ OUT	J11 PIN 3	2	RS-485 out + to next SMINI
					H2	- OUT	J11 PIN 2	2	RS-485 out - to next SMINI
					H2	SHLD	J11 PIN 1	2	Shield
SMINI Address Scheme for Card A0									

SMINI Address Scheme for Card A1 (NODE 1)										
DEVICES	SIG	INPUT	OUTPUT	CARD	PORT	POSITION	CONN	SCHEM	PAGE	REAMRKS
OUTPUTS										
BLK_7_8WS_TH	GREEN		X	0	A	A0	J12 PIN 1	6		NOTE: Top signal head
BLK_7_8WS_TH	YELLOW		X	0	A	A1	J12 PIN 2	6		NOTE: Top signal head
BLK_7_8WS_TH	RED		X	0	A	A2	J12 PIN 3	6		NOTE: Top signal head
BLK_7_8WS_BH	GREEN		X	0	A	A3	J12 PIN 4	6		NOTE: Bottom signal head
BLK_7_8WS_BH	YELLOW		X	0	A	A4	J12 PIN 5	6		NOTE: Bottom signal head
BLK_7_8WS_BH	RED		X	0	A	A5	J12 PIN 6	6		NOTE: Bottom signal head
BLK_5ES_1	GREEN		X	0	A	A6	J12 PIN 7	6		
BLK_5ES_1	YELLOW		X	0	A	A7	J12 PIN 8	6		
BLK_5ES_1	RED		X	0	B	B0	J12 PIN 9	6		
BLK_5ES_2	GREEN		X	0	B	B1	J12 PIN 10	6		
BLK_5ES_2	YELLOW		X	0	B	B2	J12 PIN 11	6		
BLK_5ES_2	RED		X	0	B	B3	J12 PIN 12	6		
BLK_5_6WS_TH	GREEN		X	0	B	B4	J13 PIN 1	6		NOTE: Top signal head
BLK_5_6WS_TH	YELLOW		X	0	B	B5	J13 PIN 2	6		NOTE: Top signal head
BLK_5_6WS_TH	RED		X	0	B	B6	J13 PIN 3	6		NOTE: Top signal head
BLK_5_6WS_BH	GREEN		X	0	B	B7	J13 PIN 4	6		NOTE: Bottom signal head
BLK_5_6WS_BH	YELLOW		X	0	C	C0	J13 PIN 5	6		NOTE: Bottom signal head
BLK_5_6WS_BH	RED		X	0	C	C1	J13 PIN 6	6		NOTE: Bottom signal head
BLK_4ES_1	GREEN		X	0	C	C2	J13 PIN 7	6		
BLK_4ES_1	YELLOW		X	0	C	C3	J13 PIN 8	6		
BLK_4ES_1	RED		X	0	C	C4	J13 PIN 9	6		
BLK_4ES_2	GREEN		X	0	C	C5	J13 PIN 10	6		
BLK_4ES_2	YELLOW		X	0	C	C6	J13 PIN 11	6		
BLK_4ES_2	RED		X	0	C	C7	J13 PIN 12	6		
BLK_20ES	GREEN		X	1	A	A0	J14 PIN 1	6		
BLK_20ES	YELLOW		X	1	A	A1	J14 PIN 2	6		
BLK_20ES	RED		X	1	A	A2	J14 PIN 3	6		
BLK_21WS	GREEN		X	1	A	A3	J14 PIN 4	6		
BLK_21WS	YELLOW		X	1	A	A4	J14 PIN 5	6		
BLK_21WS	RED		X	1	A	A5	J14 PIN 6	6		
			X	1	A	A6	J14 PIN 7	6		
			X	1	A	A7	J14 PIN 8	6		
			X	1	B	B0	J14 PIN 9	6		
			X	1	B	B1	J14 PIN 10	6		
			X	1	B	B2	J14 PIN 11	6		
			X	1	B	B3	J14 PIN 12	6		
			X	1	B	B4	J15 PIN 1	6		
			X	1	B	B5	J15 PIN 2	6		
			X	1	B	B6	J15 PIN 3	6		
			X	1	B	B7	J15 PIN 4	6		
			X	1	C	C0	J15 PIN 5	6		
			X	1	C	C1	J15 PIN 6	6		
			X	1	C	C2	J15 PIN 7	6		
			X	1	C	C3	J15 PIN 8	6		
			X	1	C	C4	J15 PIN 9	6		
			X	1	C	C5	J15 PIN 10	6		
			X	1	C	C6	J15 PIN 11	6		
			X	1	C	C7	J15 PIN 12	6		
INPUTS										
		X		2	A	A0	J16 PIN 1	7		
		X		2	A	A1	J16 PIN 2	7		
		X		2	A	A2	J16 PIN 3	7		
		X		2	A	A3	J16 PIN 4	7		
		X		2	A	A4	J16 PIN 5	7		
		X		2	A	A5	J16 PIN 6	7		
		X		2	A	A6	J16 PIN 7	7		
		X		2	A	A7	J16 PIN 8	7		
		X		2	B	B0	J16 PIN 9	7		
		X		2	B	B1	J16 PIN 10	7		
		X		2	B	B2	J16 PIN 11	7		
		X		2	B	B3	J16 PIN 12	7		
		X		2	B	B4	J17 PIN 1	7		
		X		2	B	B5	J17 PIN 2	7		
		X		2	B	B6	J17 PIN 3	7		
		X		2	B	B7	J17 PIN 4	7		
		X		2	C	C0	J17 PIN 5	7		
		X		2	C	C1	J17 PIN 6	7		
		X		2	C	C2	J17 PIN 7	7		
		X		2	C	C3	J17 PIN 8	7		
		X		2	C	C4	J17 PIN 9	7		
		X		2	C	C5	J17 PIN 10	7		
		X		2	C	C6	J17 PIN 11	7		
BLK_21_DET		X		2	C	C7	J17 PIN 12	7		
					H1	+ IN	J18 PIN 5	2		RS-485 in + from RS-323 converter
					H1	-IN	J18 PIN 4	2		RS-485 in - from RS-232 converter
					H1	+ OUT	J18 PIN 3	2		RS-485 out + from RS-232 converter
					H1	- OUT	J18 PIN 2	2		RS-485 out - from RS -232 converter
					H1	SHLD	J18 PIN 1	2		Shield
					H2	+ IN	J19 PIN 5	2		RS-485 in + to next SMINI
					H2	-IN	J19 PIN 4	2		RS-485 in - to next SMINI
					H2	+ OUT	J19 PIN 3	2		RS-485 out + to next SMINI
					H2	- OUT	J19 PIN 2	2		RS-485 out - to next SMINI
					H2	SHLD	J19 PIN 1	2		Shield
SMINI Address Scheme for Card A1										

SMINI Address Scheme for Card A2 (NODE 2)									
DEVI	SIG	INPUT	OUTPUT	CARD	PORT	POSITION	CONN	SCHEM	REAMRKS
CE	COLOR							PAGE	
OUTPUTS									
BLK_19ES	RED		X	0	A	A0	J20 PIN 1	7	
BLK_19ES	YELLOW		X	0	A	A1	J20 PIN 2	7	
BLK_19ES	GREEN		X	0	A	A2	J20 PIN 3	7	
BLK_20WS	RED		X	0	A	A3	J20 PIN 4	7	
BLK_20WS	YELLOW		X	0	A	A4	J20 PIN 5	7	
BLK_20WS	GREEN		X	0	A	A5	J20 PIN 6	7	
BLK_10WS_3	RED		X	0	A	A6	J20 PIN 7	7	NOTE: The BLK_10WS_3 top signal will always be RED.
BLK_10WS_3	YELLOW		X	0	A	A7	J20 PIN 8	7	NOTE: The BLK_10WS_3 top signal will always be RED.
BLK_10WS_3	GREEN		X	0	B	B0	J20 PIN 9	7	NOTE: The BLK_10WS_3 top signal will always be RED.
BLK_10WS_2	RED		X	0	B	B1	J20 PIN 10	7	
BLK_10WS_2	YELLOW		X	0	B	B2	J20 PIN 11	7	
BLK_10WS_2	GREEN		X	0	B	B3	J20 PIN 12	7	
BLK_8ES	RED		X	0	B	B4	J21 PIN 1	7	
BLK_8ES	YELLOW		X	0	B	B5	J21 PIN 2	7	
BLK_8ES	GREEN		X	0	B	B6	J21 PIN 3	7	
BLK_9WS	RED		X	0	B	B7	J21 PIN 4	7	
BLK_9WS	YELLOW		X	0	C	C0	J21 PIN 5	7	
BLK_9WS	GREEN		X	0	C	C1	J21 PIN 6	7	
BLK_22WS	RED		X	0	C	C2	J21 PIN 7	7	
BLK_22WS	YELLOW		X	0	C	C3	J21 PIN 8	7	
BLK_22WS	GREEN		X	0	C	C4	J21 PIN 9	7	
BLK_9ES	RED		X	0	C	C5	J21 PIN 10	7	
BLK_9ES	YELLOW		X	0	C	C6	J21 PIN 11	7	
BLK_9WS	GREEN		X	0	C	C7	J21 PIN 12	7	
BLK_10WS_1	RED		X	1	A	A0	J22 PIN 1	7	
BLK_10WS_1	YELLOW		X	1	A	A1	J22 PIN 2	7	
BLK_10WS_1	GREEN		X	1	A	A2	J22 PIN 3	7	
BLK_6_7ES_TH	RED		X	1	A	A3	J22 PIN 4	7	NOTE: Top signal head
BLK_6_7ES_TH	YELLOW		X	1	A	A4	J22 PIN 5	7	NOTE: Top signal head
BLK_6_7ES_TH	GREEN		X	1	A	A5	J22 PIN 6	7	NOTE: Top signal head
BLK_6_7ES_MH	RED		X	1	A	A6	J22 PIN 7	7	NOTE: Middle signal head
BLK_6_7ES_MH	YELLOW		X	1	A	A7	J22 PIN 8	7	NOTE: Middle signal head
BLK_6_7ES_MH	GREEN		X	1	B	B0	J22 PIN 9	7	NOTE: Middle signal head
BLK_6_7ES_BM	RED		X	1	B	B1	J22 PIN 10	7	NOTE: Bottom signal head
BLK_6_7ES_BM	LUNA		X	1	B	B2	J22 PIN 11	7	NOTE: Bottom signal head
BLK_6_7ES_BM	GREEN		X	1	B	B3	J22 PIN 12	7	NOTE: Bottom signal head
BLK_11WS	RED		X	1	B	B4	J23 PIN1	7	
BLK_11WS	YELLOW		X	1	B	B5	J23 PIN 2	7	
BLK_11WS	GREEN		X	1	B	B6	J23 PIN 3	7	
BLK_10ES	RED		X	1	B	B7	J23 PIN4	7	
BLK_10ES	YELLOW		X	1	C	C0	J23 PIN5	7	
BLK_10ES	GREEN		X	1	C	C1	J23 PIN6	7	
BLK_12WS	RED		X	1	C	C2	J23 PIN7	7	
BLK_12WS	YELLOW		X	1	C	C3	J23 PIN8	7	
BLK_12WS	GREEN		X	1	C	C4	J23 PIN9	7	
			X	1	C	C5	J23 PIN10	7	
			X	1	C	C6	J23 PIN11	7	
			X	1	C	C7	J23 PIN12	7	
INPUTS									
		X		2	A	A0	J24 PIN 1	8	
		X		2	A	A1	J24 PIN 2	8	
		X		2	A	A2	J24 PIN 3	8	
		X		2	A	A3	J24 PIN 4	8	
		X		2	A	A4	J24 PIN 5	8	
		X		2	A	A5	J24 PIN 6	8	
		X		2	A	A6	J24 PIN 7	8	
		X		2	A	A7	J24 PIN 8	8	
		X		2	B	B0	J24 PIN 9	8	
		X		2	B	B1	J24 PIN 10	8	
		X		2	B	B2	J24 PIN 11	8	
		X		2	B	B3	J24 PIN 12	8	
		X		2	B	B4	J25 PIN 1	8	
TRN_7		X		2	B	B5	J25 PIN 2	8	
TRN_4		X		2	B	B6	J25 PIN 3	8	
BLK_10_DET		X		2	B	B7	J25 PIN 4	8	
BLK_11_DET		X		2	C	C0	J25 PIN 5	8	
BLK_22_DET		X		2	C	C1	J25 PIN 6	8	
BLK_9_DET		X		2	C	C2	J25 PIN 7	8	
BLK_8_DET		X		2	C	C3	J25 PIN 8	8	
BLK_7_DET		X		2	C	C4	J25 PIN 9	8	
BLK_19_DET		X		2	C	C5	J25 PIN 10	8	
BLK_20_DET		X		2	C	C6	J25 PIN 11	8	
BLK_6_DET		X		2	C	C7	J25 PIN 12	8	
					H1	+ IN	J26 PIN 5	2	RS-485 in + from RS-323 converter
					H1	-IN	J26 PIN 4	2	RS-485 in - from RS-232 converter
					H1	+ OUT	J26 OIN 3	2	RS-485 out + from RS-232 converter
					H1	- OUT	J26 PIN 2	2	RS-485 out - from RS -232 converter
					H1	SHLD	J26 PIN 1	2	Shield
					H2	+ IN	J27 PIN 5	2	RS-485 in + to next SMINI
					H2	-IN	J27 PIN 4	2	RS-485 in - to next SMINI
					H2	+ OUT	J27 PIN 3	2	RS-485 out + to next SMINI
					H2	- OUT	J27 PIN 2	2	RS-485 out - to next SMINI
					H2	SHLD	J27 PIN 1	2	Shield
SMINI Address Scheme for Card A2									

SMINI Address Scheme for Card A3 (NODE 3)									
DEVICE	SIG	INPUT	OUTPUT	CARD	PORT	POSITION	CONN	SCHEM	REAMRKS
OUTPUTS									
BLK_13ES_2	RED		X	0	A	A0	J28 PIN 1	9	
BLK_13ES_2	YELLOW		X	0	A	A1	J28 PIN 2	9	
BLK_13ES_2	GREEN		X	0	A	A2	J28 PIN 3	9	
BLK_18ES	RED		X	0	A	A3	J28 PIN 4	9	
BLK_18ES	YELLOW		X	0	A	A4	J28 PIN 5	9	
BLK_18ES	GREEN		X	0	A	A5	J28 PIN 6	9	
BLK_17WS	RED		X	0	A	A6	J28 PIN 7	9	
BLK_17WS	YELLOW		X	0	A	A7	J28 PIN 8	9	
BLK_17WS	GREEN		X	0	B	B0	J28 PIN 9	9	
BLK_23ES	RED		X	0	B	B1	J28 PIN 10	9	
BLK_23ES	YELLOW		X	0	B	B2	J28 PIN 11	9	
BLK_23ES	GREEN		X	0	B	B3	J28 PIN 12	9	
BLK_13ES_1	RED		X	0	B	B4	J29 PIN 1	9	
BLK_13ES_1	YELLOW		X	0	B	B5	J29 PIN 2	9	
BLK_13ES_1	GREEN		X	0	B	B6	J29 PIN 3	9	
BLK_18WS	RED		X	0	B	B7	J29 PIN 4	9	
BLK_18WS	YELLOW		X	0	C	C0	J29 PIN 5	9	
BLK_18WS	GREEN		X	0	C	C1	J29 PIN 6	9	
BLK_14_16WS_BH	RED		X	0	C	C2	J29 PIN 7	9	NOTE: Bottom signal head
BLK_14_16WS_BH	YELLOW		X	0	C	C3	J29 PIN 8	9	NOTE: Bottom signal head
BLK_14_16WS_BH	GREEN		X	0	C	C4	J29 PIN 9	9	NOTE: Bottom signal head
BLK_14_16WS_TH	RED		X	0	C	C5	J29 PIN 10	9	NOTE: Top signal head
BLK_14_16WS_TH	YELLOW		X	0	C	C6	J29 PIN 11	9	NOTE: Top signal head
BLK_14_16WS_TH	GREEN		X	0	C	C7	J29 PIN 12	9	NOTE: Top signal head
BLK_11ES	RED		X	1	A	A0	J30 PIN 1	9	
BLK_11ES	YELLOW		X	1	A	A1	J30 PIN 2	9	
BLK_11ES	GREEN		X	1	A	A2	J30 PIN 3	9	
BLK_13WS	RED		X	1	A	A3	J30 PIN 4	9	
BLK_13WS	YELLOW		X	1	A	A4	J30 PIN 5	9	
BLK_13WS	GREEN		X	1	A	A5	J30 PIN 6	9	
BLK_12ES	RED		X	1	A	A6	J30 PIN 7	9	
BLK_12ES	YELLOW		X	1	A	A7	J30 PIN 8	9	
BLK_12ES	GREEN		X	1	B	B0	J30 PIN 9	9	
			X	1	B	B1	J30 PIN 10	9	
			X	1	B	B2	J30 PIN 11	9	
			X	1	B	B3	J30 PIN 12	9	
			X	1	B	B4	J31 PIN 1	9	
			X	1	B	B5	J31 PIN 2	9	
			X	1	B	B6	J31 PIN 3	9	
			X	1	B	B7	J31 PIN 4	9	
			X	1	C	C0	J31 PIN 5	9	
			X	1	C	C1	J31 PIN 6	9	
			X	1	C	C2	J31 PIN 7	9	
			X	1	C	C3	J31 PIN 8	9	
			X	1	C	C4	J31 PIN 9	9	
			X	1	C	C5	J31 PIN 10	9	
			X	1	C	C6	J31 PIN 11	9	
			X	1	C	C7	J31 PIN 12	9	
INPUTS									
		X		2	A	A0	J32 PIN 1	10	
		X		2	A	A1	J32 PIN 2	10	
		X		2	A	A2	J32 PIN 3	10	
		X		2	A	A3	J32 PIN 4	10	
		X		2	A	A4	J32 PIN 5	10	
		X		2	A	A5	J32 PIN 6	10	
		X		2	A	A6	J32 PIN 7	10	
		X		2	A	A7	J32 PIN 8	10	
		X		2	B	B0	J32 PIN 9	10	
		X		2	B	B1	J32 PIN 10	10	
		X		2	B	B2	J32 PIN 11	10	
		X		2	B	B3	J32 PIN 12	10	
		X		2	B	B4	J34 PIN1	10	
		X		2	B	B5	J34 PIN2	10	
		X		2	B	B6	J34 PIN3	10	
		X		2	B	B7	J34 PIN4	10	
TRN_5		X		2	C	C0	J34 PIN5	10	
BLK_13_DET		X		2	C	C1	J34 PIN6	10	
BLK_12_DET		X		2	C	C2	J34 PIN7	10	
BLK_23_DET		X		2	C	C3	J34 PIN8	10	
BLK_18_DET		X		2	C	C4	J34 PIN9	10	
BLK_17_DET		X		2	C	C5	J34 PIN10	10	
BLK_16_DET		X		2	C	C6	J34 PIN11	10	
BLK_14_DET		X		2	C	C7	J34 PIN12	10	
					H1	+ IN	J35 PIN 54	2	RS-485 in + from RS-323 converter
					H1	-IN	J34 PIN 4	2	RS-485 in - from RS-232 converter
					H1	+ OUT	J34 PIN 3	2	RS-485 out + from RS-232 converter
					H1	- OUT	J34 PIN 2	2	RS-485 out - from RS -232 converter
					H1	SHLD	J34 PIN 1	2	Shield
					H2	+ IN	J35 PIN 5	2	RS-485 in + to next SMINI
					H2	-IN	J35 PIN 4	2	RS-485 in - to next SMINI
					H2	+ OUT	J35 PIN 3	2	RS-485 out + to next SMINI
					H2	- OUT	J35 PIN 2	2	RS-485 out - to next SMINI
					H2	SHLD	J35 PIN 1	2	Shield
SMINI Address Scheme for Card A3									