Chip		Y	in Chip Connect	X		Notes
A	Unc A	0	I	0		Unconnected A
A	2	1	J	1		
A	3	2	B	2		
A	4	3	B	3		
A	5	4	C	4		
A	6	5	C	5		
A	7	6	D	6		
A	8	7	D	7		
A			E	8		
A			K	9		
A			F	10		
A			F	11		
A			G	12		
A			G	13		
A			H	14		
A			H	15		
B	Unc B	0	A	0		Unconnected B
B	9	1	A	1		
B	10	2	I	2		
B	11	3	J	3		
B	12	4	C	4		
B	13	5	C	5		
B	14	6	D	6		
B	15	7	D	7		
B			E	8		
B			E	9		
B			F	10		
B			K	11		
B			G	12		
B			G	13		
B			H	14		
B			H	15		
C	Unc C	0	A	0		Unconnected C
C	16	1	A	1		
C	17	2	B	2		
C	18	3	B	3		
C	19	4	I	4		
C	20	5	J	5		
C	21	6	D	6		
C	22	7	D	7		
C			E	8		
C			E	9		
C			F	10		
C			F	11		

C			G	12		
C			K	13		
C			H	14		
C			H	15		
D	Unc D	0	A	0		Unconnected D
D	23	1	A	1		
D	24	2	B	2		
D	25	3	B	3		
D	26	4	C	4		
D	27	5	C	5		
D	28	6	I	6		
D	29!	7	J	7		or BB row 1
D			E	8		
D			E	9		
D			F	10		
D			F	11		
D			G	12		
D			G	13		
D			H	14		
D			K	15		
E	Unc E	0	A	0		Unconnected E
E	33	1	K	1		
E	34	2	B	2		
E	35	3	B	3		
E	36	4	C	4		
E	37	5	C	5		
E	38	6	D	6		
E	39	7	D	7		
E			I	8		
E			J	9		
E			F	10		
E			F	11		
E			G	12		
E			G	13		
E			H	14		
E			H	15		
F	Unc F	0	A	0		Unconnected F
F	40	1	A	1		
F	41	2	B	2		
F	42	3	K	3		
F	43	4	C	4		
F	44	5	C	5		
F	45	6	D	6		
F	46	7	D	7		
F			E	8		

F			E	9		
F			I	10		
F			J	11		
F			G	12		
F			G	13		
F			H	14		
F			H	15		
G	Unc G	0	A	0		Unconnected G
G	47	1	A	1		
G	48	2	B	2		
G	49	3	B	3		
G	50	4	C	4		
G	51	5	K	5		
G	52	6	D	6		
G	53	7	D	7		
G			E	8		
G			E	9		
G			F	10		
G			F	11		
G			I	12		
G			J	13		
G			H	14		
G			H	15		
H	Unc H	0	A	0		Unconnected H
H	54	1	A	1		
H	55	2	B	2		
H	56	3	B	3		
H	57	4	C	4		
H	58	5	C	5		
H	59	6	D	6		
H	60!	7	K	7		or BB row 33
H			E	8		
H			E	9		
H			F	10		
H			F	11		
H			G	12		
H			G	13		
H			I	14		
H			J	15		
I	AI	0	A0	0		
I	BI	1	D1	1		
I	CI	2	A2	2		
I	DI	3	D3	3		
I	EI	4	A4	4		
I	FI	5	D5	5		

I	GI	6	A6	6		
I	HI	7	D7	7		
I			D11	8		
I			D9	9		
I			D13	10		
I			NANO_RESET	11		
I			TOP_RAIL	12		
I			BOTTOM_RAIL	13		
I			GND	14		
I			DAC_0-5V	15		
J	AJ	0	D0	0		Unconnected H
J	BJ	1	A1	1		
J	CJ	2	D2	2		
J	DJ	3	A3	3		
J	EJ	4	D4	4		
J	FJ	5	A5	5		
J	GJ	6	D6	6		
J	HJ	7	A7	7		or BB row 33
J			D8	8		
J			D10	9		
J			D12	10		
J			AREF	11		
J			TOP_RAIL	12		
J			BOTTOM_RAIL	13		
J			GND	14		
J			DAC_+-9V	15		
K	AK	0	A0	0		Unconnected H
K	BK	1	A1	1		
K	CK	2	A2	2		
K	DK	3	A3	3		
K	EK	4	A4	4		
K	FK	5	A5	5		
K	GK	6	A6	6		
K	HK	7	A7	7		or BB row 33
K			D2	8		
K			D3	9		
K			D4	10		
K			D5	11		
K			D6	12		
K			D7	13		
K			D8	14		
K			D9	15		

Net Name	connectionsMatrix[ ]			
AI				
AJ				
AB1				
AB2				
AC1				
AC2				
AD1				
AD2				
AE1				
AK1				
AF1				
AF2				
AG1				
AG2				
AH1				
AH2				
AB1				
AB2				
BI				
BJ				
BC1				
BC2				
BD1				
BD2				
BE1				
BE2				
BF1				
BK1				
BG1				
BG2				
BH1				
BH2				
AC1				
AC2				
BC1				
BC2				
CI				
CJ				
CD1				
CD2				
CE1				
CE2				
CF1				
CF2				

	CG1				
	CK1				
	CH1				
	CH2				
	AD1				
	AD2				
	BD1				
	BD2				
	CD1				
	CD2				
	DI				
	DJ				
	DE1				
	DE2				
	DF1				
	DF2				
	DG1				
	DG2				
	DH1				
	DK1				
	AE1				
	EK1				
	BE1				
	BE2				
	CE1				
	CE2				
	DE1				
	DE2				
	EI				
	EJ				
	EF1				
	EF2				
	EG1				
	EG2				
	EH1				
	EH2				
	AF1				
	AF2				
	BF1				
	FK1				
	CF1				
	CF2				
	DF1				
	DF2				
	EF1				

	EF2				
	FI				
	FJ				
	FG1				
	FG2				
	FH1				
	FH2				
	AG1				
	AG2				
	BG1				
	BG2				
	CG1				
	GK1				
	DG1				
	DG2				
	EG1				
	EG2				
	FG1				
	FG2				
	GI				
	GJ				
	GH1				
	GH2				
	AH1				
	AH2				
	BH1				
	BH2				
	CH1				
	CH2				
	DH1				
	HK1				
	EH1				
	EH2				
	FH1				
	FH2				
	GH1				
	GH2				
	HI				
	HJ				
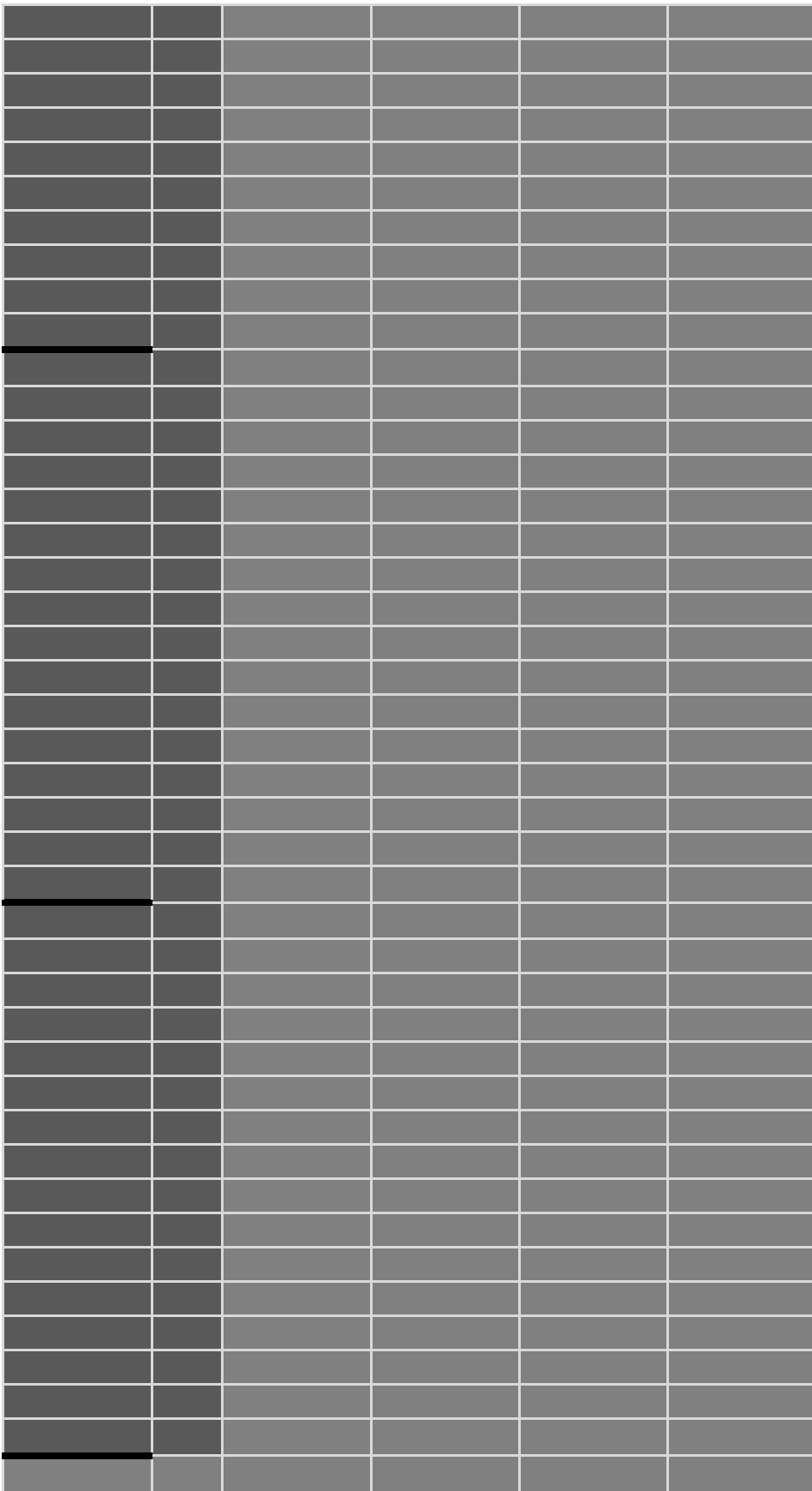
Row Labels	Count of AI
CF2	2
EG2	2
DF2	2
AB2	2
GH2	2
AC1	2
CH2	2
AC2	2
DH2	2
AD1	2
FG2	2
AD2	2
CE2	2
AE1	2
CG2	2
AE2	2
DE2	2
AF1	2
DG2	2
AF2	2
EF2	2
AG1	2
EH2	2
AG2	2
FH2	2
AH1	2
CE1	2
AH2	2
CF1	2
BC1	2
AB1	2
BC2	2
CH1	2
BD1	2
DE1	2
BD2	2
DF1	2
BE1	2
DG1	2
BE2	2
DH1	2
BF1	2
EF1	2

BF2	2
EG1	2
BG1	2
EH1	2
BG2	2
FG1	2
BH1	2
FH1	2
BH2	2
GH1	2
CD1	2
CD2	2
CG1	2
DI	1
GI	1
BJ	1
EI	1
HI	1
EJ	1
FJ	1
DJ	1
AJ	1
CI	1
GJ	1
CJ	1
HJ	1
BI	1
FI	1
Grand Total	**127**