A-row			C-row			
		GENERAL BUS LAYOUT				
A-row			C-row			
1	GND		1	GND		
2	GND		2	GND		
3	AUX#1 DIV #5		3	AUX#2 DIV #6		
4	B_SYS DIV #4		4	XFEXX (EXT-)		
5	DATA 0		5	DATA 1		
6	DATA 2		6	DATA 3		
7	DATA 4		7	DATA 5		
8	DATA 6		8	DATA 7		
9	ADDRESS 0		9	ADDRESS 1		
10	ADDRESS 2		10	ADDRESS 3		
11	ADDRESS 4		11	ADDRESS 5		
12	ADDRESS 6		12	ADDRESS 7		
13	ADDRESS 8		13	ADDRESS 9		
14	ADDRESS 10		14	ADDRESS 11		
15	ADDRESS 12		15	ADDRESS 13		
16	ADDRESS 14		16	ADDRESS 15		
17	ADDRESS 16		17	ADDRESS 17		
18	ADDRESS 18		18	ADDRESS 19		
19	GND		19	GND		
20	E CLOCK		20	R/$\overline{\text{W}}$		
21	$\overline{\text{RESET}}$		21	$\overline{\text{VMA}}$		
22	BS		22	BA		
23	Q CLOCK		23	AUX#5 DIV #4		
24	R/$\overline{\text{W}}$ DMA(IN)		24	MRDY		
25	$\overline{\text{HALT}}$		25	$\overline{\text{BREQ}}$		
26	$\overline{\text{FIRQ}}$		26	$\overline{\text{IRQ}}$		
27	$\overline{\text{NMI}}$		27	$\overline{\text{VMA}}$_DMA(IN)		
28	AUX#6 DIV #3		28	AUX#7 DIV #7		
29	SIGNAL#1		29	SIGNAL#1		
30	SIGNAL#2 (SIG30)		30	SIGNAL#2 (SIG30)		
31	+5V		31	+5V		
32	+5V		32	+5V		
Note:	SIGNAL#1 and SIGNAL#2 may be used to pass +12V/-12V/+3V3					
	or master BAUD clock over the bus					
	Signals Aux#x are per backplane slot defineable					
	Be careful when you have a mix of these signals on the backplane!!					

A-row			C-row		
	BOARD SPECIFIC wiring				
		CPU CARD			
A-row			C-row		
4	$\overline{\text{B\_SYS}}$	X	4	XFEXX	
			23	$\overline{\text{RESET\_IN}}$	
		MONITOR CARD			
3	$\overline{\text{SELECT\_F100-F17F}}$(DIV5)		3	$\overline{\text{SELECT\_F180-F1FF}}$(DIV6)	
4	$\overline{\text{B\_SYS}}$		4	XFEXX	
			23	$\overline{\text{SELECT\_F080-F0FF}}$(DIV4)	
28	$\overline{\text{SELECT\_F008-F07F}}$(DIV3)	X	28	$\overline{\text{SELECT\_F200-F3FF}}$(DIV7)	
30	SIGNAL#2 (1228.8kHz)		30	SIGNAL#2 (1228.8kHz)	
		IDE CARD			
			23	$\overline{\text{SELECT\_IN}}$	
		4 PORT SERIAL			
			23	$\overline{\text{SELECT\_IN}}$	
30	SIGNAL#2 (1228.8kHz)		30	SIGNAL#2 (1228.8kHz)	
		IOP			
3	$\overline{\text{LOCAL\_RESET}}$		23	SELECT_IN	
29	SIGNAL#1		29	SIGNAL#1	
30	SIGNAL#2 (1228.8kHz)		30	SIGNAL#2 (1228.8kHz)	
		GPP			
3	$\overline{\text{LOCAL\_RESET}}$				
29	SIGNAL#1		29	SIGNAL#1	
30	SIGNAL#2 (1228.8kHz)		30	SIGNAL#2 (1228.8kHz)	