

ATLAS BUS SIGNALS								
DIN41612 96 PIN								
XBUS						YBUS		
PIN	NAME	ALTERNATE	PIN	NAME		PIN	NAME	ALTERNATE
A1	+12VDC		B1	+12VDC		C1	+12VDC	
A2	X0A0		B2	GND		C2	Y0A0	
A3	X1A1		B3	GND		C3	Y1A1	
A4	X2A2		B4	GND		C4	Y2A2	
A5	X3A3		B5	GND		C5	Y3A3	
A6	X4A4		B6	GND		C6	Y4A4	
A7	X5A5		B7	GND		C7	Y5A5	
A8	X6A6		B8	GND		C8	Y6A6	
A9	X7A7		B9	GND		C9	Y7A7	
A10	X8B0		B10	GND		C10	Y8B0	
A11	X9B1		B11	GND		C11	Y9B1	
A12	X10B2		B12	GND		C12	Y10B2	
A13	X11B3		B13	GND		C13	Y11B3	
A14	X12B4		B14	GND		C14	Y12B4	
A15	X13B5		B15	GND		C15	Y13B5	
A16	X14B6		B16	GND		C16	Y14B6	
A17	X15B7		B17	GND		C17	Y15B7	
A18	X16C0		B18	GND		C18	Y16C0	SPI - nCS4
A19	X17C1		B19	GND		C19	Y17C1	SPI - nCS3
A20	X18C2	I2C - SCL	B20	GND		C20	Y18C2	SPI - nCS2
A21	X19C3	I2C - SDA	B21	GND		C21	Y19C3	SPI - nCS1
A22	X20C4	JTAG - TRST	B22	GND		C22	Y20C4	SPI - nCS0
A23	X21C5	JTAG - TMS	B23	GND		C23	Y21C5	SPI - SCK
A24	X22C6	JTAG - TCK	B24	GND		C24	Y22C6	SPI - MISO
A25	X23C7	JTAG - SDO ret	B25	GND		C25	Y23C7	SPI - MOSI
A26	-12VDC		B26	-12VDC		C26	-12VDC	
A27	X24DC	JTAG - SDO	B27	GND		C27	Y24DC	SPI - MOSI ovfl out
A28	-5VDC		B28	-5VDC		C28	-5VDC	
A29	X25DC	JTAG - SDI	B29	GND		C29	Y25DC	SPI - MOSI ovfl in
A30	+3.3VDC		B30	+3.3VDC		C30	+3.3VDC	
A31	X26DC		B31	GND		C31	Y26DC	
A32	+5VDC		B32	+5VDC		C32	+5VDC	