Project Carbon — JC Series Bus — v1.0

	Description	Pin	B	A	Pin	Description	
JC-64 (8 Bit)	*+5 V DC power*	**+5V**	B1	A1	**GND**	*Ground*	JC-64 (8 Bit)
	+12 V DC power	**+12V**	B2	A2	**GND**	*Ground*	
	−12 V DC power	**−12V**	B3	A3	**GND**	*Ground*	
	+3.3 V DC power	**+3.3V**	B4	A4	**GND**	*Ground*	
	Secondary clock	**CLK2**	B5	A5	**TX2**	*Secondary serial transmit*	
	Secondary reset	**/RESET2**	B6	A6	**RX2**	*Secondary serial receive*	
	Primary clock	**CLK**	B7	A7	**TX**	*Serial transmit*	
	Primary reset	**/RESET**	B8	A8	**RX**	*Serial receive*	
	Memory request	**/MREQ**	B9	A9	**A0**		
	I/O request	**/IORQ**	B10	A10	**A1**		
	Write strobe	**/WR**	B11	A11	**A2**		
	Read strobe	**/RD**	B12	A12	**A3**		
	Machine cycle 1 indicator	**/M1**	B13	A13	**A4**		
	Interrupt request	**/INT**	B14	A14	**A5**		
	Non-maskable interrupt	**/NMI**	B15	A15	**A6**		
	CPU wait request	**/WAIT**	B16	A16	**A7**	*16-bit address bus*	
	CPU halt indicator	**/HALT**	B17	A17	**A8**		
	Bus request	**/BUSREQ**	B18	A18	**A9**		
	Bus acknowledge	**/BUSACK**	B19	A19	**A10**		
	Refresh cycle indicator	**/RFSH**	B20	A20	**A11**		
	Interrupt requests	**/IRQ0**	B21	A21	**A12**		
		/IRQ1	B22	A22	**A13**		
		/IRQ2	B23	A23	**A14**		
		/IRQ3	B24	A24	**A15**		
	8-bit data bus	**D0**	B25	A25	**A16**		
		D1	B26	A26	**A17**		
		D2	B27	A27	**A18**		
		D3	B28	A28	**A19**	*24-bit address bus*	
		D4	B29	A29	**A20**		
		D5	B30	A30	**A21**		
		D6	B31	A31	**A22**		
		D7	B32	A32	**A23**		
JC-100 (16 Bit)	*16-bit data bus*	**D8**	B33	A33	**A24**	*32-bit address bus*	JC-100 (16 Bit)
		D9	B34	A34	**A25**		
		D10	B35	A35	**A26**		
		D11	B36	A36	**A27**		
		D12	B37	A37	**A28**		
		D13	B38	A38	**A29**		
		D14	B39	A39	**A30**		
		D15	B40	A40	**A31**		
	Interrupt requests	**/IRQ4**	B41	A41	**/DREQ0**	*Direct memory access*	
		/IRQ5	B42	A42	**/DACK0**		
		/IRQ6	B43	A43	**/DREQ1**		
		/IRQ7	B44	A44	**/DACK1**		
	Direct memory access	**/DREQ4**	B45	A45	**/DREQ2**	*Direct memory access*	
		/DACK4	B46	A46	**/DACK2**		
		/DREQ5	B47	A47	**/DREQ3**		
		/DACK5	B48	A48	**/DACK3**		
	+5 V DC power	**+5V**	B49	A49	**GND**	*Ground*	
	+12 V DC power	**+12V**	B50	A50	**GND**	*Ground*	