

# VME, VME64 Pin Designations With Optional 160 Pin Connector

Pin Assignments for J1 /P1 Connectors						Pin Assignments for J2/P2 Connectors					
Pin No.	Row z Signal Mnemonic	Row a Signal Mnemonic	Row b Signal Mnemonic	Row c Signal Mnemonic	Row d Signal Mnemonic	Pin NO.	Row z Signal Mnemonic	Row a Signal Mnemonic	Row b Signal Mnemonic	Row c Signal Mnemonic	Row d Signal Mnemonic
1	Reserved	D00	BBSY	D08	Reserved	1	Reserved	User Defined	+5V	User Defined	Reserved
2	GND	D01	BCLR	D09	Reserved	2	GND	User Defined	GND	User Defined	Reserved
3	Reserved	D02	ACFAIL	D10	Reserved	3	Reserved	User Defined	Reserved	User Defined	Reserved
4	GND	D03	BG0IN	D11	Reserved	4	GND	User Defined	A24	User Defined	Reserved
5	Reserved	D04	BG0OUT	D12	Reserved	5	Reserved	User Defined	A25	User Defined	Reserved
6	GND	D05	BG1IN	D13	Reserved	6	GND	User Defined	A26	User Defined	Reserved
7	Reserved	D06	BG1OUT	D14	Reserved	7	Reserved	User Defined	A27	User Defined	Reserved
8	GND	D07	BG2IN	D15	Reserved	8	GND	User Defined	A28	User Defined	Reserved
9	Reserved	GND	BG2OUT	GND	Reserved	9	Reserved	User Defined	A29	User Defined	Reserved
10	GND	SYSCLK	BG3IN	SYSFAIL	Reserved	10	GND	User Defined	A30	User Defined	Reserved
11	Reserved	GND	BG3OUT	BERR	Reserved	11	Reserved	User Defined	A31	User Defined	Reserved
12	GND	DS1	BR0	SYSRESET	Reserved	12	GND	User Defined	GND	User Defined	Reserved
13	Reserved	DS0	BR1	LWORD	Reserved	13	Reserved	User Defined	+5V	User Defined	Reserved
14	GND	WRITE	BR2	AM5	Reserved	14	GND	User Defined	D16	User Defined	Reserved
15	Reserved	GND	BR3	A23	Reserved	15	Reserved	User Defined	D17	User Defined	Reserved
16	GND	DTACK	AM0	A22	Reserved	16	GND	User Defined	D18	User Defined	Reserved
17	Reserved	GND	AM1	A21	Reserved	17	Reserved	User Defined	D19	User Defined	Reserved
18	GND	AS	AM2	A20	Reserved	18	GND	User Defined	D20	User Defined	Reserved
19	Reserved	GND	AM3	A19	Reserved	19	Reserved	User Defined	D21	User Defined	Reserved
20	GND	IACK	GND	A18	Reserved	20	GND	User Defined	D22	User Defined	Reserved
21	Reserved	IACKIN	SERCLK (1)	A17	Reserved	21	Reserved	User Defined	D23	User Defined	Reserved
22	GND	IACKOUT	SERDAT (1)	A16	Reserved	22	GND	User Defined	GND	User Defined	Reserved
23	Reserved	AM4	GND	A15	Reserved	23	Reserved	User Defined	D24	User Defined	Reserved
24	GND	A07	IRQ7	A14	Reserved	24	GND	User Defined	D25	User Defined	Reserved
25	Reserved	A06	IRQ6	A13	Reserved	25	Reserved	User Defined	D26	User Defined	Reserved
26	GND	A05	IRQ5	A12	Reserved	26	GND	User Defined	D27	User Defined	Reserved
27	Reserved	A04	IRQ4	A11	Reserved	27	Reserved	User Defined	D28	User Defined	Reserved
28	GND	A03	IRQ3	A10	Reserved	28	GND	User Defined	D29	User Defined	Reserved
29	Reserved	A02	IRQ2	A09	Reserved	29	Reserved	User Defined	D30	User Defined	Reserved
30	GND	A01	IRQ1	A08	Reserved	30	GND	User Defined	D31	User Defined	Reserved
31	Reserved	-12V	+5VSTDBY	+12V	Reserved	31	Reserved	User Defined	GND	User Defined	Reserved
32	GND	+5V	+5V	+5V	Reserved	32	GND	User Defined	+5V	User Defined	Reserved