

VME64 J1 and J2 Backplanes - L Series

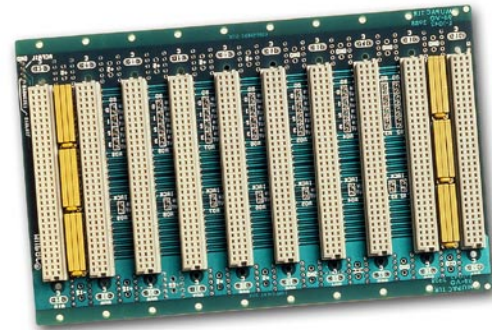
Backplane

ELECTRONIC PACKAGING DIVISION

VME64 J1 Backplanes

Features:

- Optimized performance for cost-effective 6 layer design
- 100% Level 3 electrical testing
- Superior power distribution
- Unique signal routing minimizes crosstalk
- 100% press-fit construction for reliability
- Option codes specify shrouds or automatic bus grant jumper feature
- Bus bars available
- Fully supports J1 requirements of ANSI/VITA-1 1994 VME64



Carlo Gavazzi's enhanced 6 layer VME64 J1 backplane family uses a patented layer construction and signal routing to achieve optimized performance for low crosstalk, controlled impedance, and low propagation delay.

By simple choice of a letter option code, the user can select the addition of shrouds on the first and last slots along with the installation of a 10 pin latching header on key system control pins. Also, the letter code can specify the automatic IACK and BG jumpering feature for unpopulated slots.

Ordering Information — L Series VME64 J1

Model Number Selection: L

Option Code _____ Slot Count _____

Ordering Examples:

LA09 = 9 slot VME64 J1 96 pin base line standard w/o added cost features
 LD20 = 20 slot VME64 J1 96 pin with shrouds and 10 pin header, plus automatic jumpering for IACK and BG

Additional Features	Option Code			
	A	B	C	D
1. Shrouds on first and last slots plus installed 10 pin latching header (AMP746140 or equiv.) on (ACFAIL, SYSFAIL, SYSRESET, GND)		√		√
2. Automatic jumpering feature for IACK and BG pins for unpopulated slots			√	√

Model No.	Slot Count	Dim A	Power Block Locations*					Bus Bar Kit**
			+5	+12	-12	+5B	GND	
LX04	4	3.14 (79,76)	A1	B2	B1	B3	A2	3425104-01
LX05	5	3.94 (100,15)	B1	B3	B2	B4	A1, A2	3425105-01
LX06	6	4.74 (120,41)	B1, B2	B4	B3	B5	A1, A2, A3	3425106-01
LX07	7	5.54 (140,72)	B1, B2, B3	B5	B4	B6	A1, A2, A3, A4	3425107-01
LX08	8	6.34 (161,00)	B1, B2, B6	B4	B3	B5	A1, A2, A3, A4, A5	3425108-01
LX09	9	7.14 (181,43)	B1, B2, B3	B5	B4	B6	A2, A3, A4, A5, A6	3425109-01
LX10	10	7.94 (201,68)	B1, B2, B3, B7	B5	B4	B6	A2, A3, A4, A5, A6	3425110-01
LX12	12	9.54 (242,39)	B2, B3, B4, B8	B6	B5	B7	A3, A4, A5, A6, A7	3425112-01
LX14	14	11.14 (282,96)	B2, B3, B4, B9, B10	B7	B6	B8	A3, A4, A5, A6, A7, A8	3425114-01
LX16	16	12.74 (323,67)	B2, B3, B4, B11, B12	B8	B7	B9	A3, A4, A5, A6, A7, A8	3425116-01
LX18	18	14.34 (364,24)	B2, B3, B4, B13, B14, B15	B9, B10	B7, B8	B11	A5, A6, A7, A8, A9, A10	3425118-01
LX19	19	15.14 (384,56)	B2, B3, B4, B14, B15, B16	B10, B11	B8, B9	B12	A5, A6, A7, A8, A9, A10, A11	3425119-01
LX20	20	15.94 (404,95)	B2, B3, B4, B5, B15, B16, B17	B11, B12	B9, B10	B13	A5, A6, A7, A8, A9, A10, A11	3425120-01
LX21	21	16.74 (425,27)	B2, B3, B4, B5, B16, B17, B18	B11, B12	B9, B10	B13	A7, A8, A9, A10, A11, A12	3425121-01

*25 Amp Max Input per Power Block (Fully Derated @ 60°C)

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Carlo Gavazzi Computing Solutions designs and manufactures standard and custom AdvancedTCA™, CompactPCI®, PCI/ISA, and Switch Fabric backplanes, cabinets, enclosures, I/O boards, and integrated systems that address your outsourcing and time-to-market needs.



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VME64 J1 and J2 Backplanes - L Series

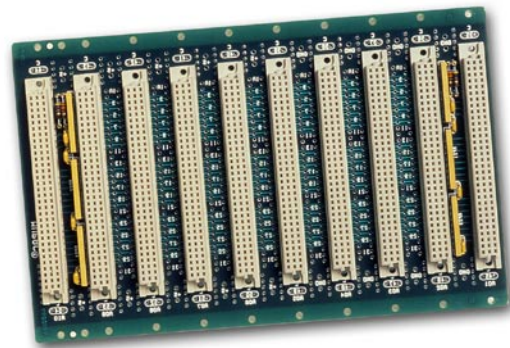
Backplane

ELECTRONIC PACKAGING DIVISION

VME64 J2 Backplanes

Features:

- 100% Level 3 electrical testing
- Press-fit construction for reliability
- Option codes specify addition of shrouds
- Bus bar kits available
- Fully supports J2 requirements of ANSI/VITA-1 1994 VME64



Carlo Gavazzi's family of separate VME64 J2 backplanes offers sizes from 3 to 21 slots. The two layer design supports bussing the 'B' row pins per ANSI/VITA-1 1994 VME64. Shrouds on the wire-wrap tails of the connectors can easily be specified with the choice of letter code in the part number. Reliability is optimized with the use of press-fit construction and 100% Level 3 electrical testing.

The separate VME64 J2 provides an easy method for the user to implement a 32 bit performance upgrade to a system with the 16 bit databus of J1 only.

Ordering Information — L Series VME64 J2

Model Number Selection:



Option Code _____ Slot Count
 T = Standard
 W = Add shrouds on all slots

Ordering Examples:

LT06 = 6 slot VME64 J2 96 pin w/o shrouds
 LW12 = 12 slot VME64 J2 96 pin with shrouds

Model No.	Slot Count	Dim A	Power Block Locations*		
			+5	GND	Bus Bar Kit**
LX03	3	2.34 (59,44)	A1, A2	B1, B2	3425203-01
LX04	4	3.14 (79,76)	A3	A2	3425204-01
LX05	5	3.94 (100,15)	A4	A1, A2	3425205-01
LX06	6	4.74 (100,42)	A4, A5	A1, A2, B1	3425206-01
LX07	7	5.54 (140,72)	A5, A6	A1, A2, A3	3425207-01
LX08	8	6.34 (161,04)	A4, B4	A3, B3	3425208-01
LX09	9	7.14 (181,43)	A4, A5	A1, A2, A3	3425209-01
LX10	10	7.94 (201,68)	A5, A6	A1, A2, A3, A4	3425210-01
LX12	12	9.54 (242,39)	A6, A7, A8	A2, A3, A4, A5	3425212-01
LX14	14	11.14 (282,96)	A7, A8, A9, A10	A1, A2, A3, A4, A5	3425214-01
LX16	16	12.74 (323,67)	A7, A8, A9, A10	A1, A2, A3, A4, A5, A6	3425216-01
LX20	20	15.94 (404,95)	A10, A11, A12, A13	A3, A4, A5, A6, A7, A8	3425220-01
LX21	21	16.74 (425,27)	A11, A12, A13, A14	A2, A3, A4, A5, A6, A7, A8	3425221-01

*25 Amp Max Input per Power Block (Fully Derated @ 60°C)

CARLO GAVAZZI
COMPUTING SOLUTIONS

East: 10 Mupac Drive, Brockton, MA 02301
 West: 740 E. Glendale Ave., Sparks, NV 89431

• Tel. 508.588.6110 • Fax 508.588.0498 • www.gavazzi-computing.com
 • Tel. 775.331.8283 • Fax 775.331.8004 • www.gavazzi-computing.com

