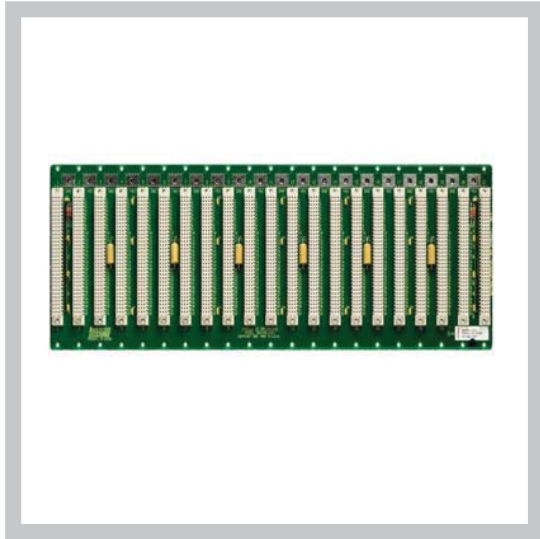


J2, J3 DEVELOPMENT BACKPLANE



FEATURES

- All J2 B row power and ground pins connected per ANSI/VITA 1-1994 and IEEE P1014 specifications. All other J2 pins user definable
- All J3 A+C row power and ground pins connected per ANSI/VITA 1-1994 and IEEE P1014 specifications. All other J3 pins user definable

BOARD SPECIFICATIONS

- 2-layer stripline design
- 2 oz. copper power and ground
- PCB UL recognized 94V-0
- PCB FR-4 or equivalent
- PCB .125" thick

MECHANICAL SPECIFICATIONS

- 3U height
- 2-21 Slots

DESCRIPTION

The J2 development backplane is an excellent model for prototyping. With all J2 pins undefined (except the B row), the J2 backplane allows flexibility for testing and designing your system.

All J2 B row power and ground pins connected per ANSI/VITA 1-1994 and IEEE P1014 specifications. The J2 backplane comes in 2-21 slot sizes and allows for an optional busbar set. The J3 development backplane is nearly identical to the J2 development backplane except that the A+C rows are bussed. All other pins on the J3 development backplane are used defined.

Related Products from Elma Electronic:

- System Platforms – need a chassis for your backplane?
- VME Embedded Computing Products – SBCs, Switches, Storage, and More



Did you know we also offer with this VME backplane:

- VME test & form factor extenders, load boards, RTMs, and overlays
- Thermal or backplane simulation/test, paint/silkscreen, customization, integration

System
Platforms

Backplanes

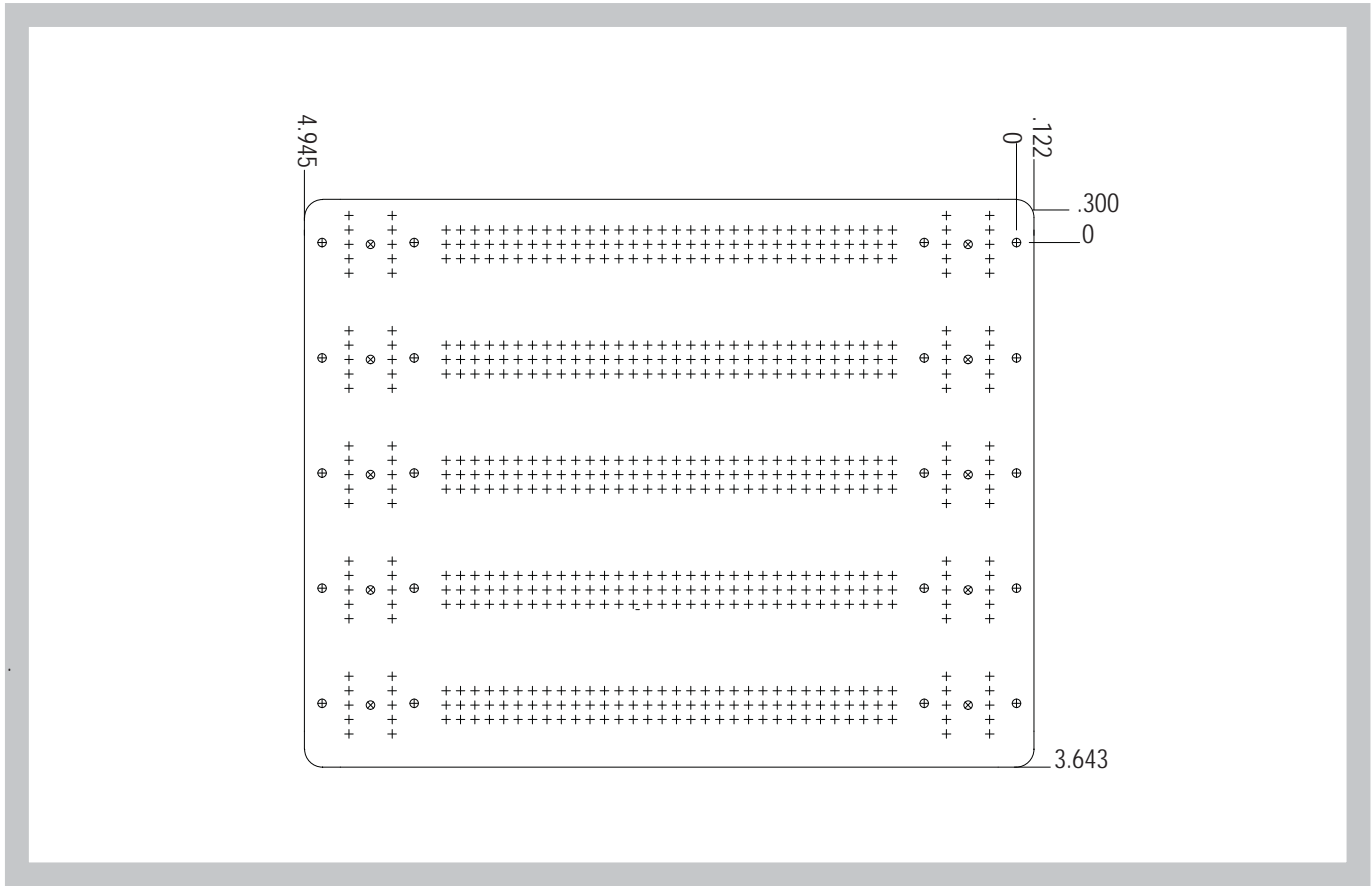
Enclosures &
Components

Cabinets

Rotary
Switches

J2, J3 DEVELOPMENT BACKPLANE

LINE DRAWING



ORDER INFORMATION

Slots	Width (in.)	Height (in.)	Part Number J2 Development	Part Number J3 Development
2	1.500	5.067	101PNGJ202	101PNGJ302
3	2.300	5.067	101PNGJ203	101PNGJ303
4	3.100	5.067	101PNGJ204	101PNGJ304
5	3.900	5.067	101PNGJ205	101PNGJ305
6	4.700	5.067	101PNGJ206	101PNGJ306
7	5.500	5.067	101PNGJ207	101PNGJ307
8	6.300	5.067	101PNGJ208	101PNGJ308
9	7.100	5.067	101PNGJ209	101PNGJ309
10	7.900	5.067	101PNGJ210	101PNGJ310
11	8.700	5.067	101PNGJ211	101PNGJ311
12	9.500	5.067	101PNGJ212	101PNGJ312
13	10.300	5.067	101PNGJ213	101PNGJ313
14	11.100	5.067	101PNGJ214	101PNGJ314
15	11.900	5.067	101PNGJ215	101PNGJ315
16	12.700	5.067	101PNGJ216	101PNGJ316
17	13.500	5.067	101PNGJ217	101PNGJ317
18	14.300	5.067	101PNGJ218	101PNGJ318
19	15.100	5.067	101PNGJ219	101PNGJ319
20	15.900	5.067	101PNGJ220	101PNGJ320
21	16.700	5.067	101PNGJ221	101PNGJ321

PRODUCT CONFIGURATIONS

VME J2, J3 DEVELOPMENT BACKPLANES

(Example: 101PNGJ221-0900)

101	Product	Form	Slots	- - - - - Configuration
	Product Power and Ground	Form J2 = 3U, J2 J3 = 3U, J3	02-21 = Slots	Configuration
	Power Interface _____ 0 = 10 pin power tap with 6/32 screw 1 = M4 threaded stud 2 = 10 pin power taps with busbar kit 8 = Not applicable 9 = Custom (-9XXX sequential Numbers)	J0 and J1 Connector Tail Length if Applicable _____ 0 = 13mm first and last slots, 6mm all other slots 1 = 17mm first and last slots, 6mm all other slots 2 = 6mm all slots 3 = 13mm all slots 4 = 17mm all slots 5 = 13mm first and last slots, 6mm ADC all other slots 6 = 160 pin, 17mm VME extension connector, all slots 7 = 96 pin, 6mm earless DIN 8 = 160 pin, 13mm VME extension connector, all slots 9 = Not applicable A = 160 pin, 13mm F & L, 6mm ADC, all other slots B = 160 pin, 17mm F & L, 6mm ADC, all other slots C = 96 pin, 6mm with ADC	J2 and J3 Connector Tail Length if Applicable _____ 0 = 96 pin, 13mm all slots 1 = 96 pin, 17mm all slots 2 = 96 pin, 6mm all slots 6 = 160 pin, 17mm VME extension connector, all slots 8 = 160 pin, 13mm VME extension connector, all slots 9 = Not applicable	Shrouds _____ 0 = All slots shrouded where applicable 1 = No slots shrouded 2 = All J2 slots shrouded 5 = J2, first and last slots 6 = Locking shrouds where applicable 7 = Locking shrouds J2 only

COMMON CONFIGURATION EXAMPLES

-0900

-2900