

VXI C-Size Bare Board

DESCRIPTION

ICS's 115250 is a blank C-Size Board for mounting various devices in a VXI module format. The 115250 includes the P1 and P2 connectors, filtering capacitors and power pads for all of the VXIbus voltages. Pads are also provided for all of the VXIbus signals. This makes it easy to mount, connect and power all types of devices in a C-size module.

A choice of VXI hardware shield kits lets the user enclose the assembled board and make one, two or three-slot wide modules. A two-slot wide kit is available with the board on the right hand side to accommodate wire-wrap tails or components mounted on the 'circuit-side' of the module.

Each hardware kit includes the side shields, front panel, and all hardware to finish the module.

Front Panel Access

The 115250 Blank Board includes pad patterns along the front edge for mounting connectors, LEDs and a reset button. The front connector pad patterns can accommodate a 96-pin DIN connector and a 9 to 37-pin D-sub connector. The LED circuit traces can accommodate up to four miniature LEDs, their series resistor and a subminiature reset button.

Design Aids

ICS has prepared ORCAD schematic templates and CAD design files for the 115250 Blank Board which can be used as the starting point for your circuit schematic, or to make a machining drawing for your front panel. These files simplify your design effort by having all of the necessary layout work already done for you. The files are in ORCAD and Autocad .dxf file formats. Contact customer service or your local sales representative to request your copy of the VXI Layout Disk.

- C-Size Board for mounting devices, modules or circuits.
Builds a C-size VXIbus module.
- Connection Pads for all VXI voltages and signals.
All signals for any use.
- Includes pad patterns for front panel connectors, LEDs, and a Reset Switch.
Easy front panel access when needed.
- CAD Design aids for Schematic Capture, PC board layout and front panel machining.
Speeds up your design.
- Optional VXI Hardware Shield Kits to fabricate a complete module.
Builds 1, 2 and 3-slot wide kits.

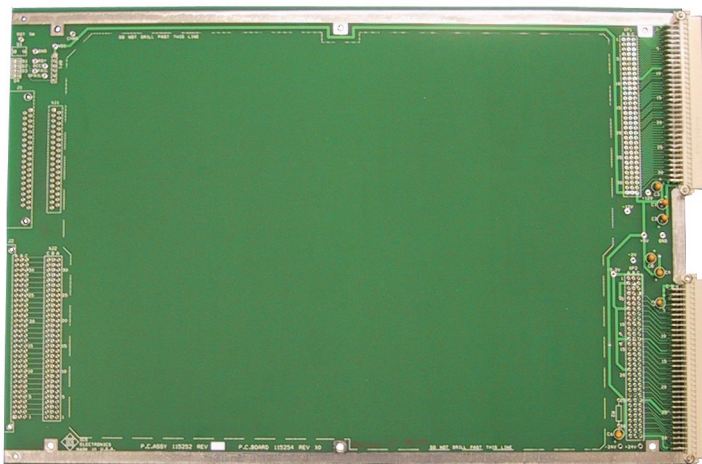


Figure 1 115250 VXI C-Size Bare Board



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SPECIFICATIONS

VXI Specifications

None

Physical

Size

C-Size module board
9.187 in H x 13.486 in W x 0.063 in T
(233.3 mm H x 342.5 mm W x 1.59 mm T)

Weight

0.3 kg. (0.75 lbs.)

Power Consumption

None

Included Items

Each 115250 Bare Board Assembly includes the P1 and P2 connectors and power filtering capacitors.

Documentation includes PCB schematic, PCB layout and a suggested front panel machining drawing if the front edge connectors and /or LEDs are installed.

An optional 3.5 inch disk with an ORCAD schematic template and CAD design files for the 115250 Bare Board. The files are in ORCAD and Autocad .dxf file formats.

Table 1 Component Clearance

Mating VXI-Kit Part Numbers	VXI Slots	Component Clearance	
		Circuit Side	Component Side
114341	1	0.226 in	0.769in
114343	2	0.226	1.969
114342	2	1.426	0.769
114750	3	0.226	3.169



ORDERING INFORMATION

Part Number

VXI C-Size Bare Board with documentation package	115250
VXI Hardware Shield Kit, single-slot wide	114341
VXI Hardware Shield Kit, two-slot wide	114343
VXI Hardware Shield Kit, two-slot wide with extra space on the circuit side	114342
VXI Hardware Shield Kit, three-slot wide	114750