

J2, J2 VSB, J3 VME OVERLAY MODULES



FEATURES

- 4-layer controlled impedance stripline design
- Minimum width permits use of several overlays on one backplane
- Replaces wirewrap or ribbon cable assembly
- Virtually zero crosstalk

MECHANICAL SPECIFICATIONS

Slots: 2 - 6
Height: 3U

BOARD SPECIFICATIONS

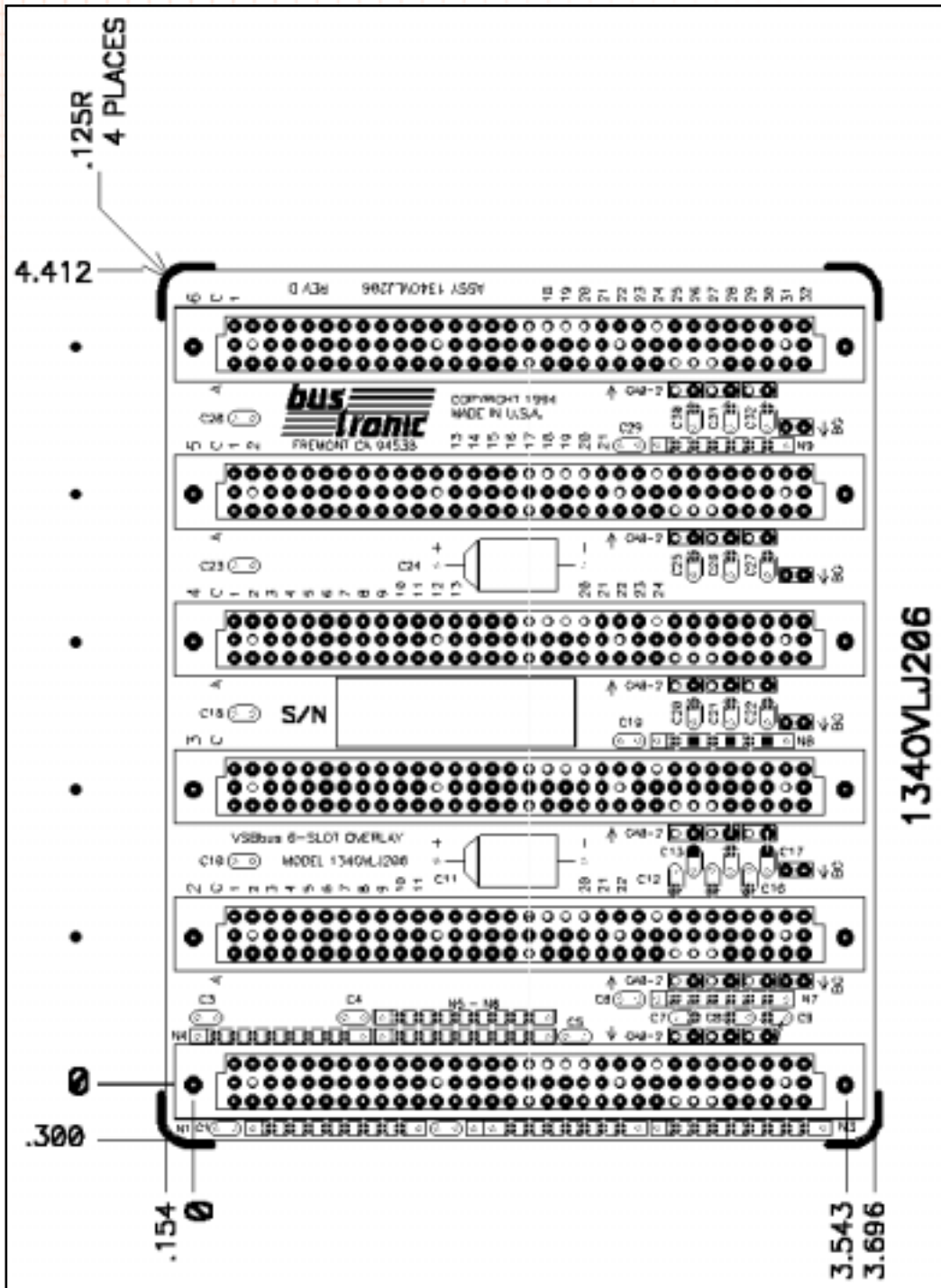
4-layer board
2 oz. copper power and ground
PCB UL recognized 94V-0
PCB FR-4 or equivalent
PCB .125" thick

In three forms, VSB, J2-rows A+C, and J3-row B. The J2 overlay module is used to upgrade an existing VMEbus J2 backplane to include the pinouts needed to implement signal bussing of the A and C rows of the connector. Modules can be plugged into the pin side of the host backplane. All row A and C pins are bussed. Each module's high performance (40MHz) can be attributed to its stripline, controlled impedance design.

Several overlay modules can be stacked on the host backplane. Their ends can be stacked in any direction. All of these features make the backplane overlay module far more convenient and effective than wire wraps and ribbon cables. The standard type module uses flush tail DIN connectors.

The J3 overlay module is used to upgrade an existing VMEbus J3 backplane to include the pinouts needed to implement signal bussing of the B row of the connector. Modules can be plugged into the pin side of the host backplane. All row B pins are bussed. Each module's high performance (40MHz) can be attributed to its stripline, controlled impedance design.

The VSB overlay is an entirely dedicated multilayer system designed in accordance with VSB specification C. Overlays are installed on the pin or reverse side of the VMEbus J2 backplanes. With VSBbus, all A and C row pins are bussed with the exception of the BGIN*/BGOUT* daisy chain that runs between pins A31 and C32, the GA0-GA2 geographical address bits that exist on pins A28, A29, and A30, and additional ground pins as assigned by the specification.



Ordering Information

Slots	Height		Width		Order Number		
	in	mm	in	mm	J2 Rows A+C Overlay	J2 VSB Overlay	J3 Row B Overlay
2	3.850	99.790	1.400	35.560	1320VLJ202	1340VLJ202	1320VLJ302
3	3.850	99.790	2.200	55.880	1320VLJ203	1340VLJ203	1320VLJ303
4	3.850	99.790	3.000	76.200	1320VLJ204	1340VLJ204	1320VLJ304
5	3.850	99.790	3.800	96.520	1320VLJ205	1340VLJ205	1320VLJ305
6	3.850	99.790	4.600	116.840	1320VLJ206	1340VLJ206	1320VLJ306

