

<u>SHEETS</u>

1 BLOCK DIAGRAM 2 FRONT PANEL 3 PCIe CABLE 4 PCIe BUFFER 5 PCIe FPGA IF 6 CLOCKS

7 SENSORS

8 VOLTAGE MON

9 VME XCVR 1 10 VME XCVR 2 11 VXI XCVR 1 12 VXI XCVR 2

18 DRAM & FLASH MEMORY

13 VXI XCVR 3 19 FPGA 1 20 FPGA 2 14 VME CONNECTOR 15 VXI CONNECTOR 21 FPGA CONFIGURATION 16 COMMUNICATIONS 22 BIG CHIP POWER 17 MICROPROCESSOR 23 FPGA GROUND

24 POWER SW

25 POWER LIN

26 DIP SWITCHES

BLOCK DIAGRAM

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ENGINEER RG / JL	DATE 6/5/13	HIGHLAND TECHNOLOGY INC.
DRAWN RG / LL CHECKED	6/5/13	SCHEMATIC, V124 PCIe VXI CRATE CONTROLLER
RELEASED		DRAWING NO: 22S124 REV: B SHEET: 1 OF 26 FILENAME:22S124B.SCH