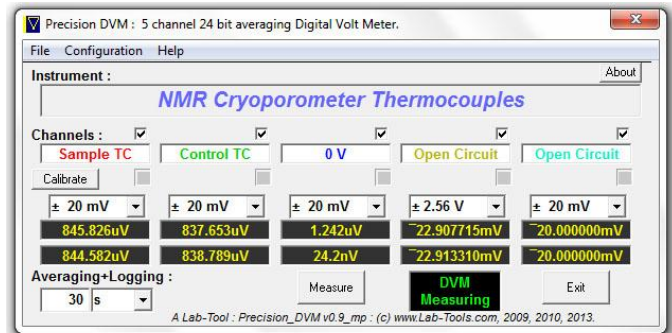
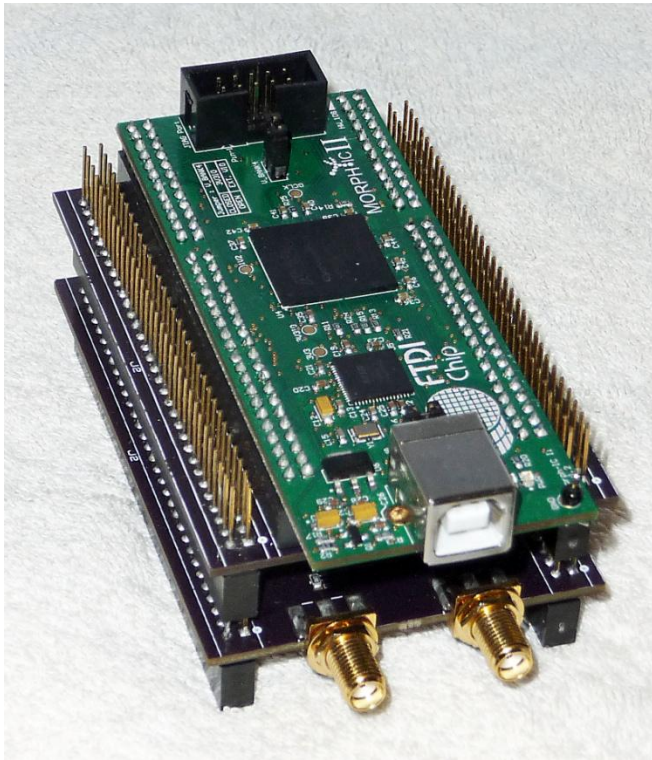


Precision Logging DVM, with Averaging, for Thermocouple Voltages.

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5 Differential channel 24bit DVM with averaging, logging, FPGA, and USB2 interface.

Applications :

- 24bit Precision Intelligent Digital Voltmeter.
- Thermocouple Data Averaging and Logging.
- NMR Sample and Control Temperatures.
- High precision for NMR Cryoporometry.
- Averaging USB Thermal Data Logger
- Temperature Measurement and Control.
- Capability for Ratiometric measurements.

Features :

- Full USB2 data transfer rate.
- Modular and extensible.
- Programmable over USB bus.
- Modular firmware available.
- International Cardstac form factor.
- Standard FTDI USB interface chip.
- Digital Temperature Control outputs.
- Pre-Programmed Firmware

This module is primarily intended for the highest precision 5 channel differential logging of thermocouple voltages, using an external cold-junction reference. Can also be adapted for 10 channel single-ended use. Up to 6 additional optional gold plated SMA connectors may be specified on credit-card sized form-factor. For extra capabilities, additional DVM boards or boards with other function may be added to the stack. FPGA Modular Firmware Skeleton VHDL code is available for implementing multiple instruments.

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