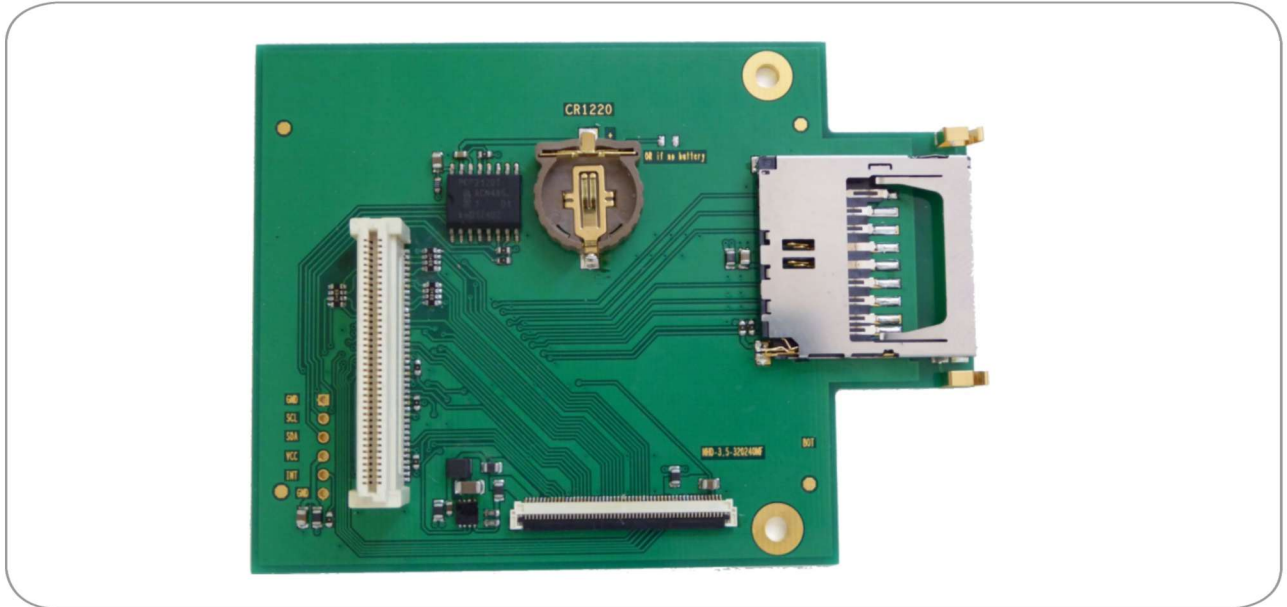# UniDAQ.EXP1

Board Revision 1.0   **Document Revision 1.0**   **May 23, 2018**

Expansion Board for the UniDAQ Data Acquisition System

Key Features

- SD-Card for mass storage, 4-bit highspeed data mode
- Real-Time Clock with temperature compensation, alarm and timestamp functions
- Backup battery for RTC
- LCD interface with connector for Newhaven NHD-3.5-320240 TFT color display
- I²C extension for keypads and touchscreen controllers
- Low profile, UniDAQ + EXP1 fit into a 4HP 3HE slot

Applications

- Data logging
- User interface
- Handheld Instruments