# MF

# BASIC ELECTRONICS DIAGRAM

## MAIN BOARD



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|---|---|
| **1** | **Board version and serial numbers** |
| **2** | **Alarm LED** |
| **3** | **Mains power indicator LED** |
| **4** | **Control heartbeat LED** |
| **5** | **Compressor running LED** |
| **6** | **DAQ heartbeat LED** |
| **7** | **12 V power indicator LED** |
| **8** | **Battery charging LED** |
| **9** | **Linux LEDs** |
| **10** | **Coin cell** |
| **11** | **Control reset button** |
| **12** | **DAQ reset button** |
| **13** | **Linux reset button** |
| **14** | **Battery connector** |
| **15** | **Temperature sensor connector** |
| **16** | **Power board connector** |
| **17** | **Display connector** |
| **18** | **Telemetry connector** |
| **19** | **Door/light connector** |
| **20** | **Chamber light jumper - install to enable light** |

**TELEMETRY MODULE**

**SYSTEM BATTERY**
**LITHIUM ION**

**The power board is located in the compressor compartment under the storage chamber**