

VOTER2 – AN OPEN-SOURCE PROJECT



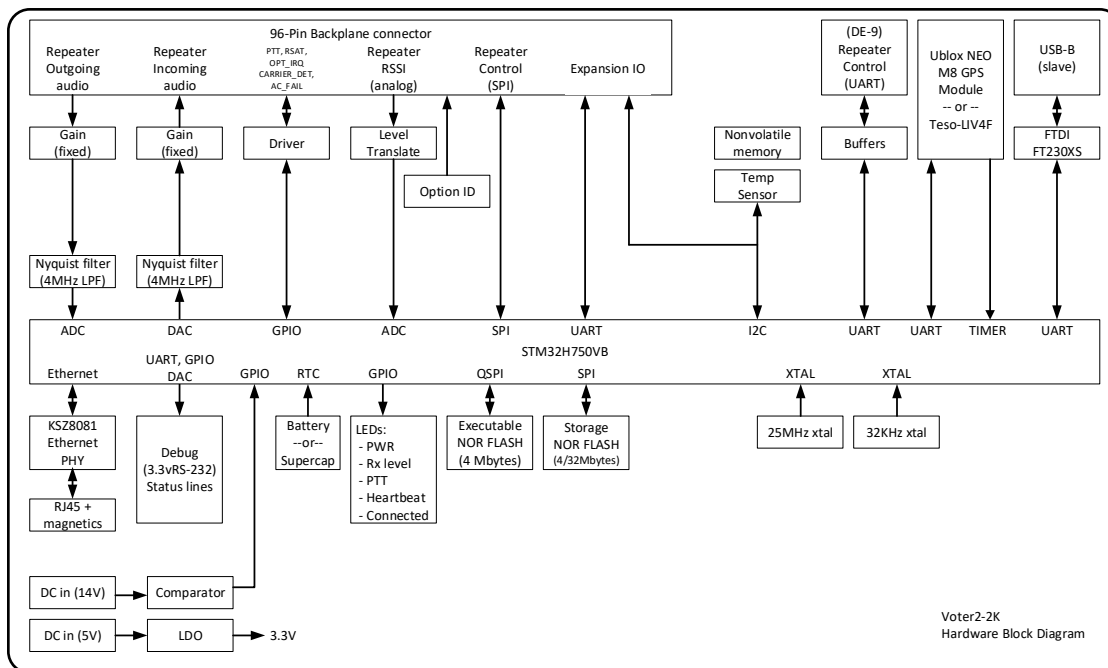
VOTER2 MAIN FEATURES

- **Ground up new design using new silicon**
- **Fully backwards compatible with and interoperable with the original Voter/RTCM and Allstar Link**
- **On-board GPS with 1PPS and GPS-timed support (Simulcast coming)**
- **RFC2217 (UART over Ethernet) support enables legacy repeater control software to operate the repeater remotely.**
- **USB FTDI-based console port**
- **All audio processing in DSP. Only analog Nyquist filters.**
- **Analog RSSI support in addition to Out-of-band RSSI support**
- **4Mbytes of flash, 1Mbyte of SRAM, and 1,027DMIPS of processing power**
 - **32x the flash, 64x the RAM, and 25x the processing power of Voter1.**
- **RTOS-based structured software architecture for expandability**
- **Similar bill of materials cost!**

The first Voter2 implementation is designed to work with and fit inside the Motorola MTR-2000 repeater. Once fully vetted, a stand-alone version of the Voter2 in its own chassis will be next.

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