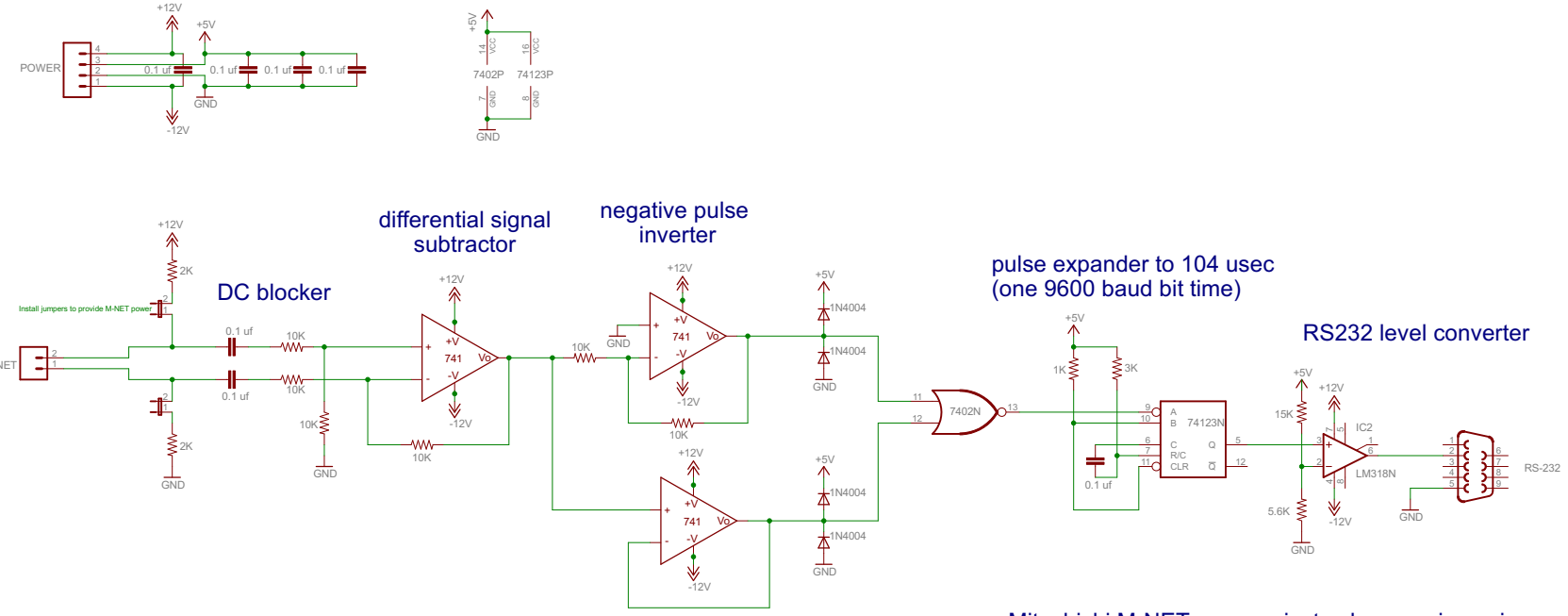

Mitsubishi M-NET communicates by superimposing an AC signal on a single pair of wires that also carries 12V of DC power.

The AC signal is transmited with "bipolar alternate space inversion" coding, so it has zero average DC component. The AC pulses are 52 usec at +2V or-2V and represent a serial data "space", which is a zero bit. Positive and negative pulses alternate for zero bits. One bits ("mark") are represented as no pulse. Transmission is at 9600 baud, so each bit takes 104 usec. The bytes are transmitted with one stop bit, 8 data bits, even parity, and one stop bit.

A sequence of 5 to 16 bytes represents a packet, which ends with an XOR checksum of the preceeding bytes.

Mitsubishi M-NET Sniffer	
TITLE:	
L. Shustek	REV:
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