

(LMV331) is periodically oscillating during the low state of the serial data from the MC control. No detectable cause for the oscillation can be seen on the 5V or 3V power supply. GND looks clean as well as the voltage levels on the + and - comparator inputs. Possibly the U104 is damaged.

Positive input Signal

Negative input Threshold

U104 Comparator Output

Noise Spikes are 88ns peak to peak

