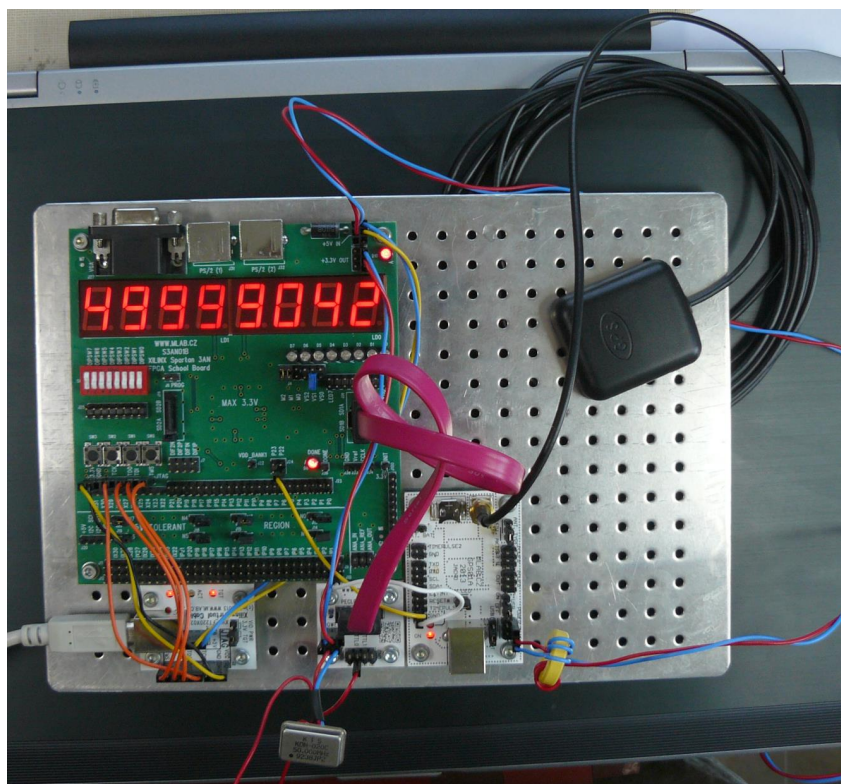| AtomicCounter	MLAB

Counter synchronised by GPS

KAKL

There is a counter for measuring frequency up to 600 MHz with absolute precision ±15 Hz at maximum frequency (±25 ns / 1 s).
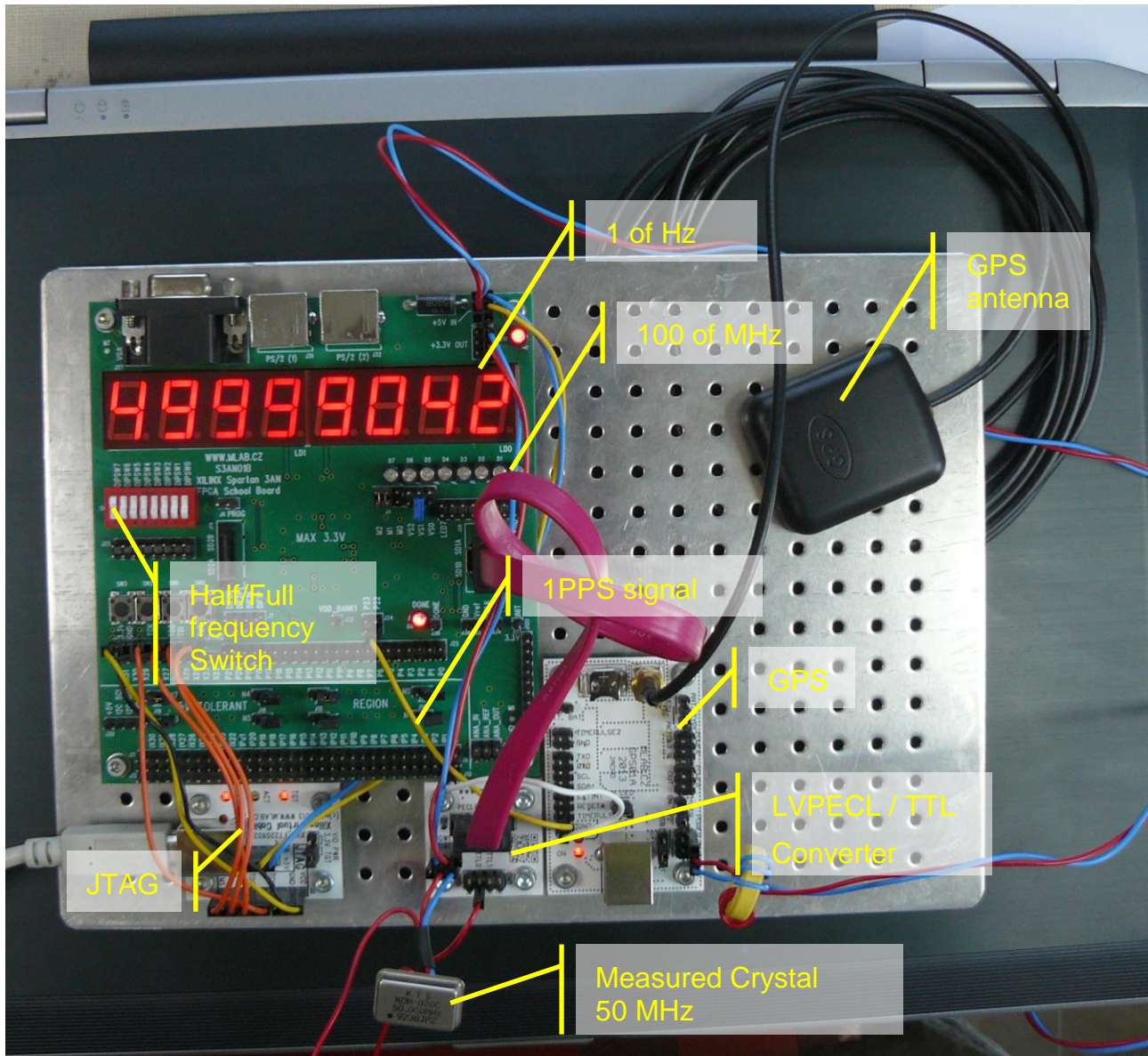

1. Technical parameters

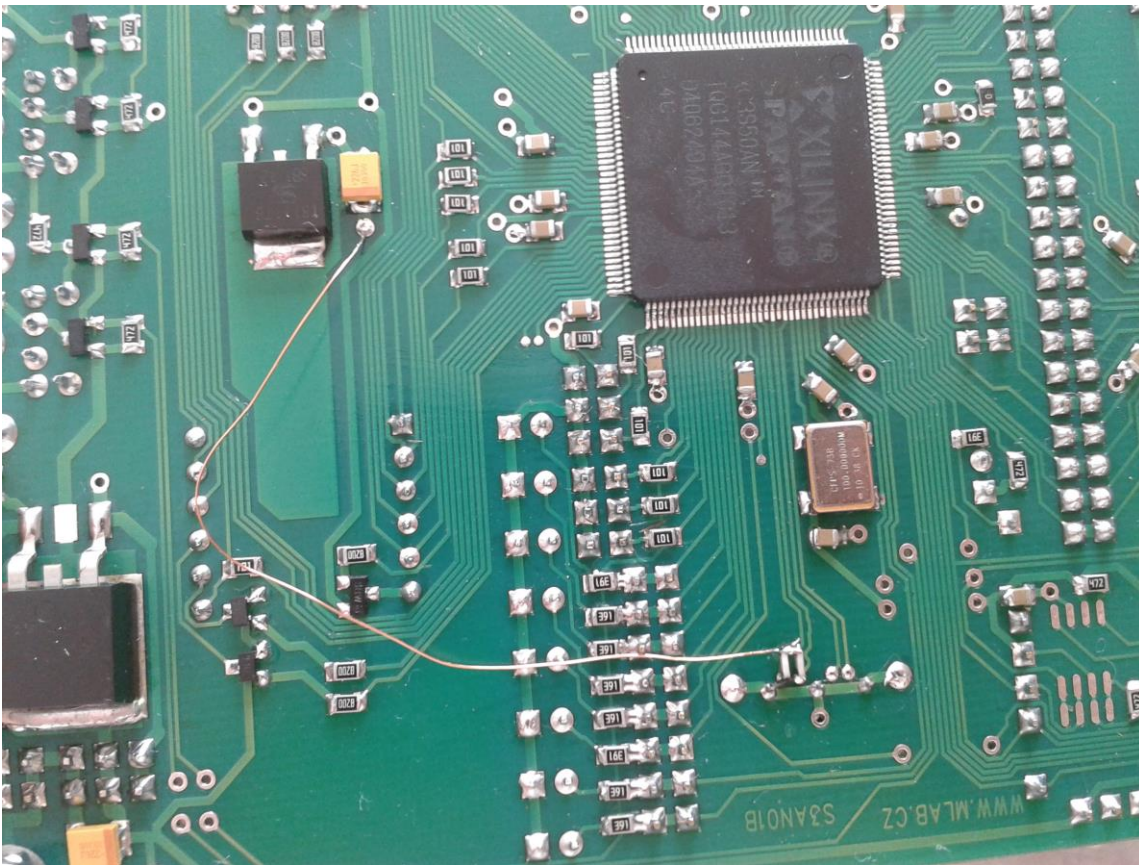| Parameter	Value	Note
Minimal frequency	4 Hz	There is a systematical error -3 Hz
Maximal Frequency	640 Hz	Computer room
Time accuracy	±25 ns / 1 s	By given GPS

2.3. Hack

Two 50 Ω resistors from SATA connector to +1.2 V has to be added.