

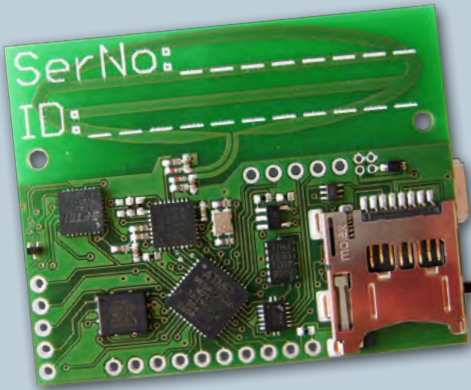


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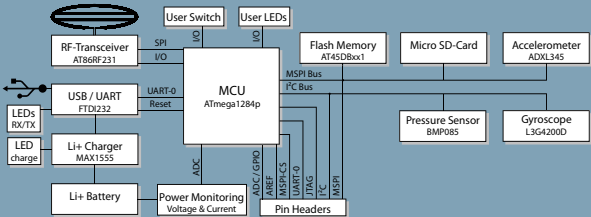
INGA

An Inexpensive Node for
General Applications



With $39 \times 50 \times 7 \text{ mm}^3$ INGA is relatively small and combines the advantages of other wireless sensor nodes. It is designed to be „lead-free“ and for capacitors no „noble earths“ (like tantalum) are needed. INGA consists of a two-layer PCB, with a printed antenna.

INGA can easily be programmed via USB and INGA's bootloader is ready for „over-the-air“ flashing. The set of sensors is capable of monitoring movement, position and activity, which is very useful for medical applications. INGA runs Contiki and TinyOS „out of the box“ and as an open source node, INGA's design can be adapted, changed, extended and enhanced.



INGA is open source, check it out at: <http://www.ibr.cs.tu-bs.de/projects/inga>

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