



## OPEN POSITION NOTICE

### Ref. Dig07

Pisa – April 2006

Our Human Resources Manager welcomes candidates for staff position(s) as Senior Engineer (ideally at least 5 years of experience) with Master Degree in Microelectronics or equivalent. Junior applicants might be considered but they must counterbalance their lack of experience with proven fast learning capacity and strong leadership.

The job consists in participating to YOGITECH R&D programs and in supporting customers in digital IP and SOC designs:

- HW/SW co-design and co-verification
- SoC design based on micro-processor core or DSP core
- DSP design
- Firmware development
- RTL synthesis
- Static Time Analysis
- SOC top-level validation, including system simulation at both RTL and gate level, development of test cases in VHDL / C language / Assembler, silicon validation at board level

Knowledge of EDA tools such as Specman, VManager, etc. as well as familiarity with SystemC language will be preferential characteristics.

He/She is expected to offer most of the following:

- proven experience in digital architectures design based on microcontrollers (e.g. AMBA, OCP)
- DSP analysis and design of digital filters (MATLAB preferred)
- C/ASM firmware development (drivers, CPU boot, etc.)
- proven experience in EDA tools usage like: simulators, synthesisers, static time analysers
- proven experience in tackling SOC design challenges, such architecture design, RTL coding, synthesis and static time analysis of high frequencies multi-clock domains structures, multi-lps architectures, etc...
- experience in system level design tool like CoWare would be nice to have
- good knowledge of Hardware Description Languages, such VHDL, Verilog, etc...

Successful candidate(s) must be fluent in English.

Team spirit, communication, autonomy and availability to frequent travels in Europe are also among basic requirements.

Activity will be mainly based in Italy and will include frequent short-time missions abroad.

Applicants are invited to submit a CV to [careers@yogitech.com](mailto:careers@yogitech.com) quoting «Dig07» as reference. Printed documents are to be mailed to:

YOGITECH SPA  
via Lenin 132p - 56017 San Giuliano Terme - Pisa (Italia)  
Attn. Human Resources - Dig.07