

Job Title: Engineer
Location: Gibsonia, PA
Education: Bachelor Degree
Experience: At least 2 year(s)

Description:

Teledyne Monitor Labs, a business unit of Teledyne Technologies Incorporated (NYSE:TDY) is seeking a Full Time Engineer for its Gibsonia, PA office.

As a member of the Teledyne Monitor Labs team the responsibilities of this position include but are not limited to:

- Independently conduct analysis of electrical and electronic hardware for complex instrumentation systems.
- Design embedded systems hardware and firmware.
- Write and execute test plans for hardware and systems to verify and validate design output.
- Conduct various testing as required.
- Support production by selecting replacement parts or doing reverse engineering to address parts obsolescence.
- Maintain ISO procedures and work instructions.
- Some travel required.

Qualifications:

- Bachelors Degree in Electrical Engineering, Computer Science, or related discipline.
- 2+ years of professional/related work experience.
- Strong analytical skills.
- Ability to work as a member of a team and interface with field support personnel.
- Experience and/or professional education with digital and analog electronic hardware.
- Ability in standard software packages such as Excel, Word, etc.
- Some knowledge of engineering analysis and simulation software.
- Good dexterity and a willingness to assemble and debug prototypes.
- Ability to use oscilloscopes and digital multimeters.
- Experience with logic analyzers, LabView, and other test and measurement devices a plus.
- Knowledge of USB standards, FPGA hardware and VHDL languages, LVDS hardware, C/C++, and/or Coldfire a plus.