

Expert Manufacturing Test Engineer

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Company: Aptiv

Location: Kraków

Category: computer-and-mathematical

Our Test Development Engineers for compute products design, develop and implement test processes in manufacturing to support new product launches in mass production. In this role you will be part of a global, diverse and collaborative team and contributing on high sophisticated compute and sensing products driving to a saver, greener and more connected future.

Major Job Responsibilities:

Develop and optimize manufacturing functional tests (electrical and optical functional product requirements), working with the product development design experts

Lead the acquisition of new Test-equipment (Statement of work, Request for quotation, supplier nomination, design reviews, Equipment acceptance at supplier) to comply with industrialization timing

Cooperate with the Aptiv manufacturing location to receive the equipment and install, debug and release the equipment (including Test Software development, strain measurements, process capability studies, Environmental Health and Safety review / release).

Establish documentation and provide training for test equipment and process in accordance to Aptiv guidelines

Ensure test equipment compliance in terms of product quality, test requirements (Functional safety, Cyber Security, customer requirements), and costs

Support product development team and collaborate closely with Lead manufacturing Engineer to

ensure flawless launches by applying and supporting tools like (P-FMEA, Error proofing, Test coverage analysis, Six Sigma)

Perform product label drawing design review and lead the approval process

Plan and conduct Test Peer Reviews

Support in OEM (Customer)RFQ phase by estimating equipment cost, lead time, and test times

Support Lessons learned sharing between sites and between Product Lines

Participate in escalation meetings on program management level

Qualifications:

Bachelor degree or similar with relevant work experiences

Proficient software development skills in one or more of the following software languages:

National Instruments LabView, NI LabWindows CVI, NI TestStand, C++, C

Basic Project management capabilities

Basic to intermediate knowledge of mechanical design of test tooling

Knowledge of automotive communication protocols such as CAN, LIN, LVDS, Flex-Ray,

Broad@Reach and flashing concepts of memory devices

Knowledge in 6-sigma-for-Test and statistical methods

Good problem solving capability, including hands on capability for S/W debugging.

Know-how on electronics measurement device and equipment

Ability to work in a global network environment

Energetic, self-motivated, and proactive work style

Fluent Business English

Why join us?

You can grow at Aptiv. Aptiv provides an inclusive work environment where all individuals can

grow and develop, regardless of gender, ethnicity or beliefs.

You can have an impact. Safety is a core Aptiv value; we want a safer world for us and our children, one with: Zero fatalities, Zero injuries, Zero accidents.

You have support. We ensure you have the resources and support you need to take care of your family and your physical and mental health with a competitive health insurance package.

Your Benefits at Aptiv:

Private health care (Signal Iduna) and Life insurance for you and your beloved ones

Well-Being Program that includes regular webinars, workshops, and networking events

Hybrid and flexible working hours

Employee Pension Plan paid by the employer (you get + 3,5% on each gross salary)

Access to sports groups and Multisport card

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