



HIGH TRACEABILITY REQUIREMENTS

PROGRAM HIGHLIGHTS

Customer developed an alcohol sensor technology for installation in high-end automobiles. This technology stops an impaired driver from starting the vehicle by requiring a successful breath test to enable the engine to start. The alcohol interlock is engineered to withstand vibration, dirt, dust, humidity, and extreme temperatures which are typically found in commercial applications.

Driven by product complexity and automotive industry standards, the PCBA had high levels of traceability requirements. The product also required challenging specifications for conformal coating.

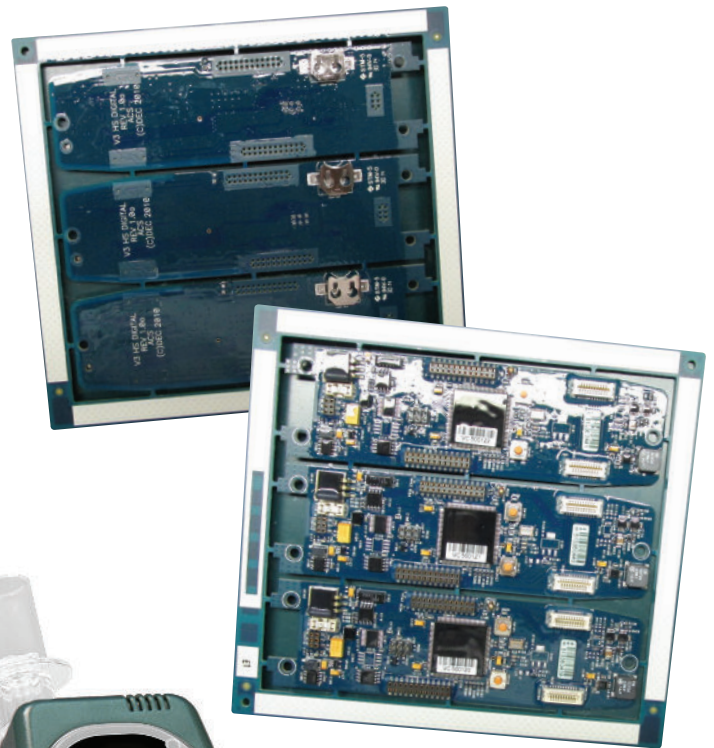
SOLUTION

With complexity in the product, the need to track the relationship between each unique product-level requirement and its source is imperative. Vexos' team of experienced quality professionals worked closely with the customer to document their traceability requirements and provided state-of-the-art solutions by utilizing technomatix software to cover all possible traceability requirements from component level to full system build.

Also, with Vexos' extensive knowledge in the conformal coating process, the team developed a process for conformal coating with the customer to avoid any major issues on higher volumes.

RESULT

Vexos' expertise and capabilities in traceability, conformal coating, and technical engineering assisted the customer in meeting several critical design requirements with total traceability and cost reductions.



Dependable Quality

Vexos achieves the highest quality levels by utilizing the latest equipment, processes, quality standards and certifications across the organization; to enable a flawless launch of each individual program.

- Rigorous selection of sub-contractors or partner factories
- Performance evaluation and monitoring through regular audits of the factories
- Continuous training for personnel at all levels
- Document control to safeguard your data and release of technical documents
- Sample approval process including production part approval process (PPAP)

Certifications

- ISO 9001:2015
- ISO 13485:2016
- ISO 14001:2015
- FDA registered
- OHSAS 18001:2007
- RoHS and Non-RoHS
- IATF 16949:2016
- CGP certification

Markets We Serve



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HVAC

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