



NULINE TECHNOLOGIES

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Nuline Technologies is a system house for development of Test Systems for Automotive and various other Electronics test requirements. With completer in-house capability to understand concept-to-product development needs, Nuline can transform customer specifications to functional products quickly.

Circuit analysis, BOM generation, Schematic validation and design database creation are addressed by dedicated engineering team. Nuline has inhouse PCB design group and component assembly. Experienced mechanical and testing engineering team will address mechanical layout design and quality control.

Nuline had developed range of Test Systems like Automotive Engine Simulators, Body Simulators, Load Boxes – Inductive and resistive, Relay Load Boxes, Breakout Boxes and Endurance test Load systems. Nuline have delivered over 1000 test systems of various types and many of them exported to various developed countries. These systems are manufactured to stringent quality standards using high reliability components to deliver uninterrupted performance. All components are sourced as per BOM directly from manufacturer are authorised distributors to ensure component reliability. Stage wise inspection eliminates errors in assembly

Visual aides, detailed circuit assembly instruction, wiring diagrams helps the experienced technicians to assemble first-time-right products. With wide range of inspection systems and test jigs developed in-house for each project, the test Engineer can qualify the circuits to meet customer specifications.

Nuline is the largest supplier of Customer developed LCD modules for Automotive Industry in India. These LCD panels are developed as per customer specifications for 2 wheeler and 4 wheeler instrument cluster and various other display in the auto. We meet stringent specification for automotive application like high temperature, humidity and our LCDs have been tested for other operation al parameters like vibration, wide viewing angle, high contrast, uniform light intensity and color.

Nuline Specialises in custom development of LED backlight modules for auto industry and consumer electronics. These modules are manufactured to deliver uniform light intensity over a wide area of display using special light distribution technology. The LEDs are bin sorted for same light wavelength to deliver perfectly matched color between modules. LED backlights are preferred over individual LEDs to save on assembly cost and also for better light distribution. Backlights are proven to be more reliable as it uses less number of LEDs and also consumes less energy.

Nuline has designed and developed a low cost visual inspection system for easy viewing of Electronics circuit boards and other materials that needs to be viewed under magnification. Nulinescope offers magnification upto 100X and the viewed images can be saved for further viewing in a computer. The unit is fully integrated for line inspection as well for quality checking. Present day Electronic circuits are assembled with very small footprint components as small as 0201mm and viewing such components require high magnification systems like Nulinescope. Such systems are normally expensive but Nulinescope is priced at a fraction of cost still meets all functional requirements