

LED lighting solutions

We have developed a range of LED lighting solutions which are ready for implementation such as drivers, dimmers, wireless and power-line controllers, user interfaces, and more - all solutions that can be used in your next product.

Innovative solutions

If your product requires a solution that cannot be built with "off-the-shelf" electronics (e.g. because of requirements for high encapsulation classes, special casing, special connectors, or for a special form factor circuit board) you might be able to use some of the innovative solutions we have developed during our collaboration with leading manufacturers in the fast growing LED lighting market.

Our solutions are ready for easy implementation, and they lead to reduced project risks as well as reduced development time compared to solutions developed from scratch.

We are ready to help you find the optimal solution for your product and the optimal balance between unit costs and development effort.

Examples of solutions:

- A wide input range and high efficiency of LED drivers
- EMC optimised designs for marine approvals
- DALI and other communication systems for LED drivers
- An innovative and cost optimised power line communication system for precise dimming at low light settings.

- A cost optimised wireless controller
- Flicker free LED dimming
- High power LED light dimming
- A simple and fast wireless smartphone app interface for installers of advanced LED lighting systems
- User interface designs from very simple touch interfaces to high end touch screens
- Design and validation for long lifetime and high product quality.

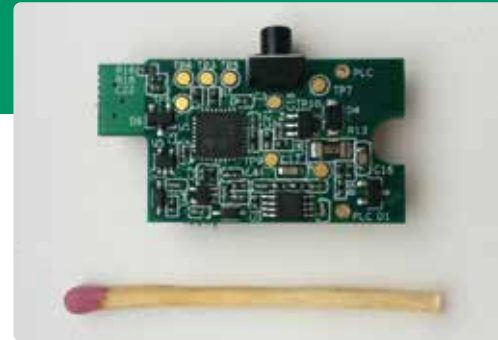
We ensure the quality

We have our own HALT and EMC test facility where all designs can be tested to ensure design robustness, quality, and compliance. The accelerated life test, HALT, helps finding design weaknesses before problems occur in the field after the product has been released for volume production.

During the development stage, all design requirements will be verified and tested against relevant standards.

Risk assessment

The EU directives now require risk assessment provided as part of the design documentation for LED lighting products. We have experience in performing and documenting risk assessment during in-house development projects as well as for 3rd party products in our test department.



Compact LED driver with a unique power line communication dimming solution



Versatile traditional dimming solution that is easily adaptable



Industrial high power and very reliable dimming solution

CAN YOU BENEFIT FROM OUR SOLUTIONS?

Contact us and let us discuss if our innovative solutions and our knowledge within electronic development and testing can be of value for you

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