## ADK81116

# RGB-LED AUTOMOTIVE APPLICATION DEVELOPMENT KIT

## DYNAMIC RGB-LED APPLICATIONS MADE EASY

The ADK81116 is an application development kit designed to simplify the development of dynamic RGB-LED automotive applications. This comprehensive solution comes with pre-loaded configurable firmware (variant MLX81116KLW-AAE-150-RE). It eliminates the need for firmware development, replacing it with straightforward calibration and configuration through a user-friendly graphic user interface (GUI).
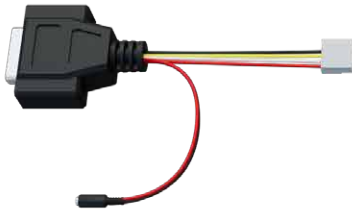
Included in the application development kit:
• wiring harness
• power supply
• evaluation lighting stripe with 30 RGB LEDs in multiplex mode driven by five MLX81116AAE IC drivers.

To begin using the ADK81116, all you need is the Melexis Universal Master (MUM, not included) for configuring and simulating the end application.



MUM to be
ordered separately

### KEY FEATURES

✓ Reduced workload

✓ No need for firmware development

✓ Genuine GUI

✓ Possibility to connect multiple stripes

✓ Automotive compliant

✓ Features 16-bit color control with a mixing accuracy of delta u'v' <0.01

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