

NCV786XXAR30GEVK: Power LED Driver Demonstration Kit

The plug-and-play NCV786XXAR30GEVK demonstration kit contains all the necessary hardware and PC connection capability to control the Daughter board [NV786630R1DAGEVB](#) or [NV787630R1DAGEVB](#) LED drivers for Front Lighting. The user-friendly Graphical User Interface for Software Application support (SWAS GUI) allows easy operation with the device. Even with basic knowledge of the product datasheet, all SPI commands can be straightforwardly issued allowing a fast preliminary evaluation of the product. The GUI will be of valid reference as practice with the product grows and the user starts to build his or her own application. The hardware is very flexible and allows to plug-in different daughterboards ([NV786630R1DAGEVB](#) or [NV787630R1DAGEVB](#)) with specific user-defined power-on register values by means of the One Time Programmed resident memory (OTP) for effective stand-alone applications. In addition, the possibility is foreseen to connect a microcontroller board by simple direct insertion to the available connectors.

Led modules with individual heat sinks are included in the demonstration package, allowing exercise with high current up to 1A. Please contact the local Sales Office or refer to www.onsemi.com



Evaluation/Development Tool Information					
Product	Status	Compliance	Short Description	Parts Used	Action
NCV786XXAR30GEVK	Active	Pb-free	Power LED Driver Demonstration Kit	NCV78663DQ0R2G	» Contact Local Sales Office » Inventory

Technical Documents			
Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCV786XXAR30GEVK Bill of Materials ROHS Compliant	NCV786XXAR30GEVK_BOM_ROHS - 71 KB	0
Eval Board: Gerber	NCV786XXAR30GEVK Gerber Layout Files (Zip Format)	NCV786XXAR30GEVK_GERBER - 123 KB	0
Eval Board: Schematic	NCV786XXAR30GEVK Schematic	NCV786XXAR30GEVK_SCHEMATIC - 471 KB	0
Eval Board: Test Procedure	NCV786XXAR30GEVK Test Procedure	NCV786XXAR30GEVK_TEST_PROCEDURE - 446 KB	2
Software	NCV786XXAR30GEVK Software	NCV786XXAR30GEVK_SOFTWARE - 1106 KB	0
Video	Power LED Boost-to-Buck 1.2A60 Evaluation Board - NV786630R1DAGEVB	WVD17554/D	

Previously Viewed Products

Select Product... Go

Clear List

Design Support

[» Technical Documentation](#)
[» Design Resources & Documents](#)
[» Technical Support](#)
[» Sales Support](#)

Featured Video

Power LED Boost-to-Buck 1.2A60 Evaluation Board - NV786630R1DAGEVB

Full screen is unavailable. [Learn More](#)

ON Semiconductor®

NV786630R1DAGEVB

Power LED Boost-to-Buck 1.2A60 Evaluation Board

More Videos ...