

## Product Brief

# .dp Vision and .dp Interface Gen2

## Parametrization of .dp digital power 2.0 parameters for evaluation

.dp Vision is a Graphical User Interface (GUI) for Parameter Configuration and Programming of Infineon .dp digital power 2.0 ICs for evaluation purpose. With .dp Vision software, parameters of .dp products can be easily adapted to application needs.

The .dp device will be connected via USB to a computer using the .dp Interface Gen2 Hardware, which is a galvanic isolated and certified interface board.

.dp Interface Gen2 hardware and .dp Vision can be ordered here: <http://www.ehitex.de/>

### Applications

- > Generic Framework for all .dp digital power 2.0 devices
- > Application Add-On packages will add the support of new products to .dp Vision
- > Please visit <http://infineon-community.com/LP=455> for an overview and more material about .dp products supported by .dp Vision and requesting Application Add-On packages

### System requirements

Type	Requirement
Operating System	Windows XP 32-bit/64-bit; Windows 7 32-bit/64-bit; Windows 8 32-bit/64-bit; Windows 8.1 32-bit/64-bit with USB connector
RAM	> 2 GB
CPU	> Intel Celeron 1.1 GHz
Graphics	> Integrated Graphic Card

### Key Features

- > Set parameter and protection behavior for .dp products
- > Test parameters temporarily
- > Burn parameters permanently
- > Automatic update of firmware on .dp Interface Gen2
- > Online update functionality keeps .dp Vision up to date
- > Assistant functionality to guide a user through a typical parametrization flow

### Key Benefits

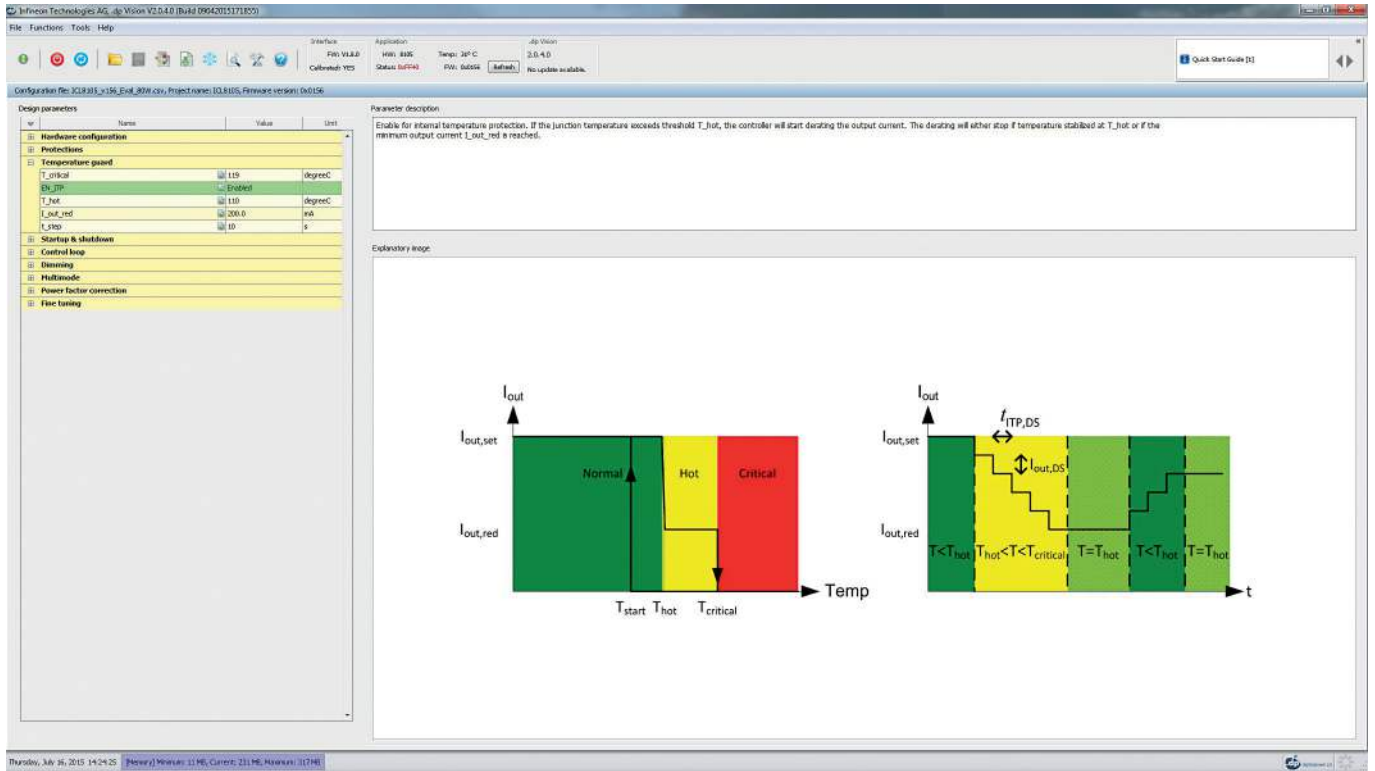
- > Comfortable parameter setting without changing components on hardware
- > Maximum flexibility for adapting application behavior via parameters
- > Optimize system performance
- > Reduced R&D efforts



# .dp Vision

## Parametrization of .dp parameters for evaluation

### GUI – typical overview



The GUI .dp Vision is used to adapt parameters of the .dp device to the application needs. It is structured in three main areas.

- 1) The status bar in the top with control buttons and application relevant information
- 2) The table view on the left side to change parameter and protection setup/behavior
- 3) The description area on the right side to explain how the selected parameter will influence the system

Depending on the used product an assistant functionality lets .dp Vision guide the user through a typical parametrization flow in a question and answer dialogue. This feature supports beginners to get in touch with .dp and helps to find a first working parametrization for further fine tuning in the table view.

The parameter set to be tested can be easily transferred to the .dp digital power IC to be further evaluated on hardware level.

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