

Example Part

Datasheet

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1 Introduction

1.1 Features

- Classic datasheet style in LaTeX
- Write math equations as easy as $e^{i\pi}$
- Easy to use document class

1.2 Applications

- Data sheets for electronics components
- Technical sales brochures
- Functional specifications

1.3 General Description

The **datasheet** document class makes it easy to write great looking data sheets using the LaTeX typesetting system. It follows the classic style used by most manufacturers of electronic components.

You can download the document class from [latex-datasheet-template](#) GitHub repository. The repository includes this example datasheet as **example.tex** and the document class as **datasheet.cls**. You can build the PDF document using command `latexmk -pdf`.

2 Pin Definitions

2.1 Electrical Specifications

All specifications are in $-40^{\circ}C \leq T_A \leq 85^{\circ}C$ unless otherwise noted.

Table 1: Example Data Sheet Specifications

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Page width	p_w	20.9	21.0	21.1	cm	Standard A4 paper
Page height	p_h	29.6	29.7	29.8	cm	
Insulation voltage	E_{max}^1	1			kV	

¹ Based on characterization data, not tested in production.

Table 2: Absolute Maximum Ratings of Example Data Sheet

Parameter	Rating
Daily exposure to LaTeX	24 hours

2.2 Absolute Maximum Ratings

Note: Stresses above those listed under Absolute Maximum Ratings can cause permanent damage to the device. This is a stress rating only. Functional operation of the device is not implied in any conditions above those indicated in the Electrical Specifications section.

3 Revision History

Revision	Date	Description
v1.0	April 2021	First release