Two columns, Tables, Plots
TECHNICAL DATASHEET TEMPLATE

FEATURES

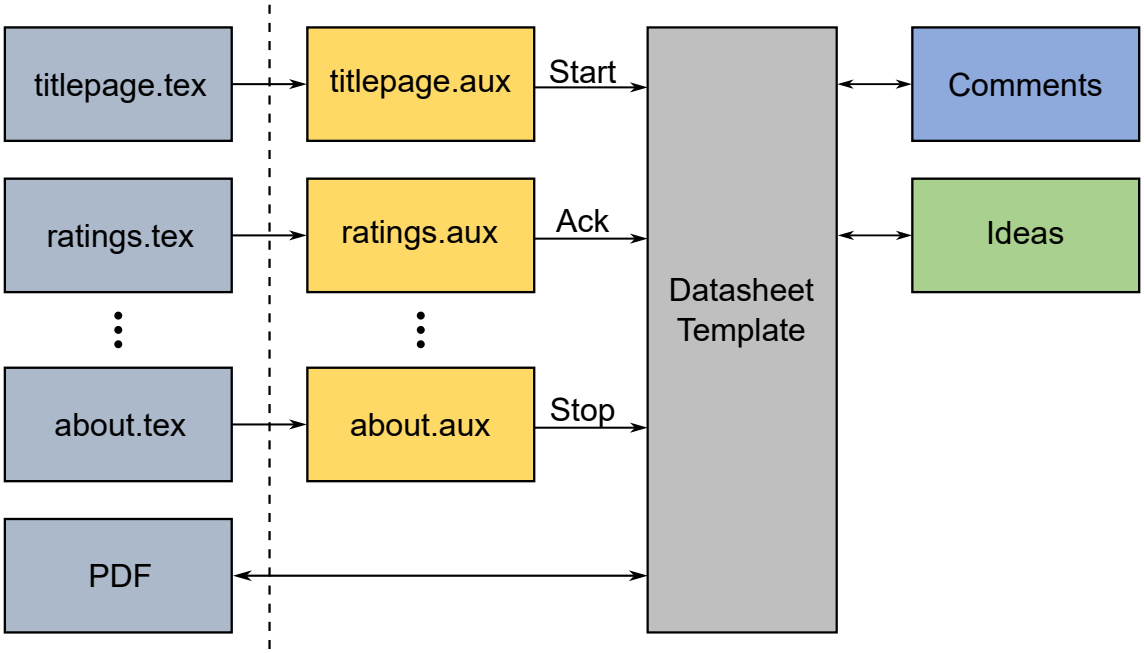
- Two columns
- Tables over the entire text width
- Look and feel like a real datasheet
- Adjustable to own need
  - Custom footnote
  - Custom title and subtitle

APPLICATIONS

- Work
- School
- Thesis

DESCRIPTION

This is a LaTeX template for a datasheet. The look and feel is like a normal datasheet with the common headers. To use this datasheet, add the `datasheet.cls` file into the same folder as your main document. Then use `\documentclass{datasheet}` to load the class.
After that you may use the example sections or create a new datasheet. A basic example with the typical ratings structure and some plots are provided. Feel free to add you own sections, for example a pin configuration or the mechanical drawings.



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ABSOLUTE MAXIMUM RATINGS

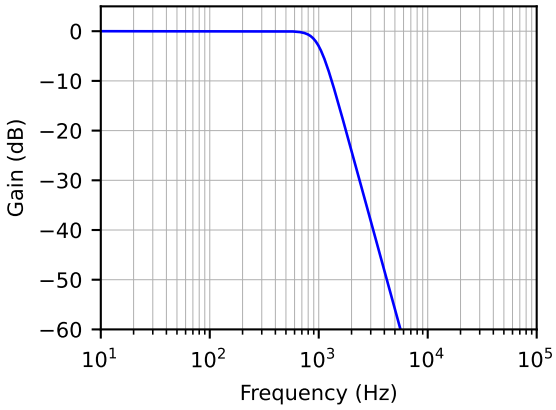
Over operating free-air temperature range (unless otherwise noted)

	MIN	TYP	MAX	UNIT
12V Supply	-0.3	12	15	V
3V3 Supply		3.3	4	V
Digital IO	-0.5		6.5	V
Analog IO	-12		12	V

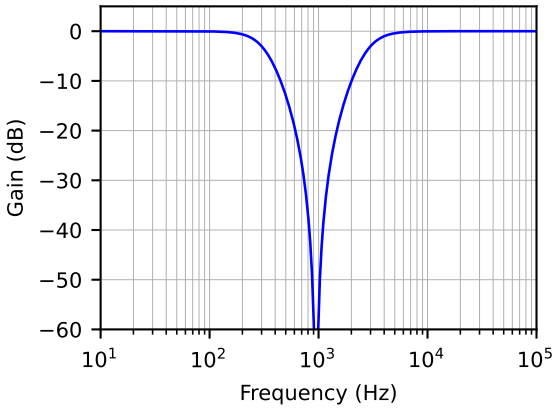
ELECTRICAL CHARACTERISTICS

	MIN	TYP	MAX	UNIT
12V Supply voltage	11.8	12	12.2	V
12V Supply current	0.5			A
3V3 Supply voltage	3.1	3.3	3.5	V
3V3 Supply current	1.6			A
Threshold resolution	16			Bits
Threshold range	-1.5		1.5	V
Measurement channel	-1.5		1.5	V
Input impedance		50		Ω
Detectable pulse width	0.5			ns
Analog bandwidth			5.3	GHz

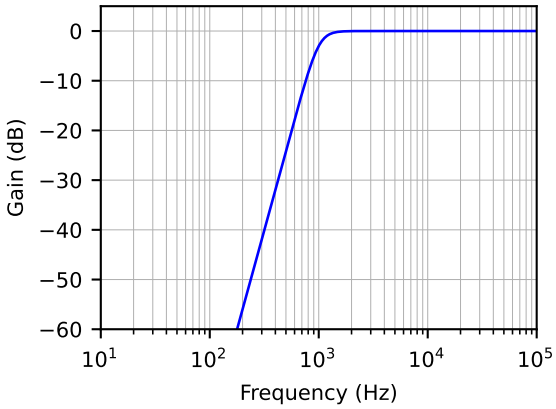
TYPICAL CHARACTERISTICS



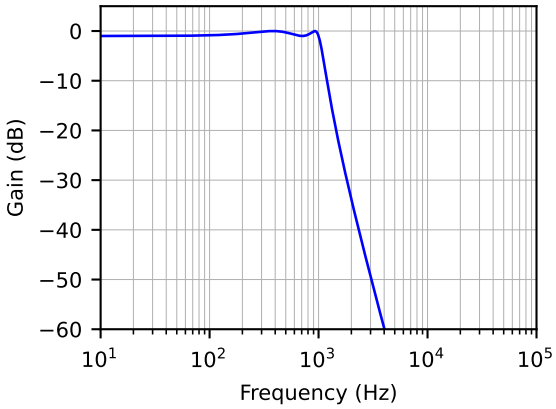
Lowpass



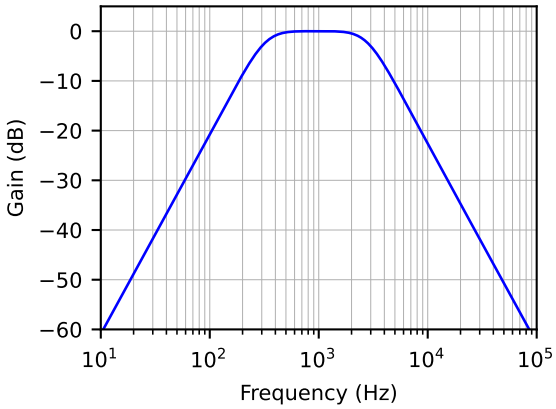
Bandstop



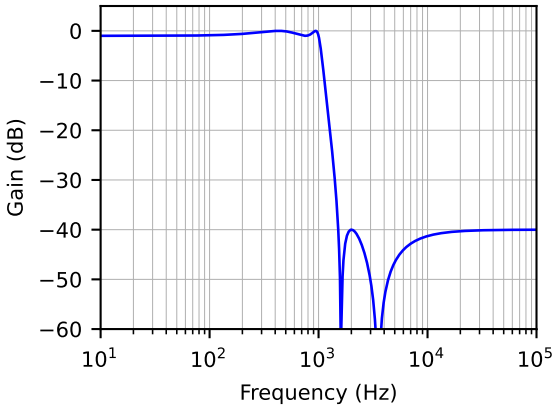
Highpass



Chebyshev



Bandpass



Elliptic

ABOUT

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