

Ansys Accessibility Conformance Report

Desktop edition

(Based on VPAT® Version 2.4)

Product name:

Sherlock

Product Version:

2023R2

Report Date:

8/16/2023

Ansys Sherlock automated design analysis provides fast and accurate life predictions for electronic hardware at the component, board and system levels in early design stages. Sherlock bypasses the ‘test-fail-fix-repeat’ cycle by empowering designers to accurately model silicon–metal layers, semiconductor packaging, printed circuit boards (PCBs) and assemblies to predict failure risks due to thermal, mechanical and manufacturing stressors--all before prototype.

Product Description:

Contact Information:

vp@ansys.com

Notes:

Evaluation methods used:

Human evaluation and vendor proprietary, Microsoft Accessibility Insights for Windows, Colour Contrast Analyzer

Applicable standards/guidelines:

Standard/Guideline

Web Content Accessibility Guidelines 2.0

Included In Report

Level A (Yes)

Level AA (Yes)

Level AAA (No)

Web Content Accessibility Guidelines 2.1

Level A (Yes)
Level AA (Yes)
Level AAA (No)

Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018

(Yes)

EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, - V3.1.1 (2019-11)

(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

WCAG 2.X also documents conformance with:

EN 301 549: Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
 Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

WCAG 2.0 and 2.1 Success Criteria Level A and AA

Notes:

[Notes here]

Criteria	Supports	Partially Supports	Does not support	Notes
1.1.1 Non-text Content	X			The app is not web-based
1.2.1 Audio-only and Video-only (Prerecorded)	X			The app does not contain audios or videos
1.2.2 Captions (Prerecorded)	X			The app does not contain videos
1.2.3 Audio Description or Media Alternative	X			The app does not contain audios or videos
1.2.4 Captions (Live)	X			The app does not contain audios or videos
1.2.5 Audio Description	X			The app does not contain audios or videos
1.3.1 Info and Relationships	X			The app is not web-based
1.3.2 Meaningful Sequence	X			Content is in a logical reading order
1.3.3 Sensory Characteristics		X		Some elements are identified by shape and also by text
1.3.4 Orientation	X			The app does not have a mobile interface

1.3.5 Identify Input Purpose	X		The app does not collect personal information
1.4.1 Use of Color		X	Some elements identified by color and also by text
1.4.10 Reflow			X Content cannot be zoomed to 400%
1.4.11 Non-Text Contrast	X		Visual presentation required to identify author active controls or control states has a contrast ratio greater than or equal to 3:1 against adjacent background colors
1.4.12 Text Spacing	X		The app is not web-based
1.4.13 Content Hover on Focus		X	When author content is focused or hovered, a mechanism is sometimes available to dismiss additional content without moving mouse or keyboard
1.4.2 Audio Control	X		The app does not have audio
1.4.3 Contrast (Minimum)		X	Some elements do not have sufficient contrast
1.4.4 Resize text			X Content cannot be zoomed to 200%
1.4.5 Images of Text	X		The app is not web-based
2.1.1 Keyboard		X	Some controls cannot be accessed via keyboard
2.1.2 No Keyboard Trap		X	Some controls or screens cannot be escaped with ESCAPE or navigation keys
2.1.4 Character Key Shortcuts	X		The app does not have single character keyboard shortcuts
2.2.1 Timing Adjustable	X		The app does not have a timeout feature
2.2.2 Pause, Stop, Hide	X		The app does not have carousels
2.3.1 Three Flashes or Below Threshold	X		The app does not contain flashing content
2.4.1 Bypass Blocks	X		The app is not web-based
2.4.2 Page Titled	X		Screens have top line titles that describe their purposes

2.4.3 Focus Order		X	Focus does not always move in left to right, top to bottom order
2.4.4 Link Purpose (In Context)	X		The app is not web-based
2.4.5 Multiple Ways	X		The app is not web-based
2.4.6 Headings and Labels		X	Assistive technology could not detect some accessibility properties
2.4.7 Focus Visible		X	Assistive technology could not detect some accessibility properties
2.5.1 Pointer Gestures	X		User can perform operations without dragging or swiping
2.5.2 Pointer Cancelation	X		Functions are performed when the user releases the mouse button
2.5.3 Label in a Name	X		The app is not web-based
2.5.4 Motion Actuation	X		Site or app does not use motion to perform functions
3.1.1 Language of Page	X		Screen default languages are specified
3.1.2 Language of Parts	X		The app is not web-based
3.2.1 On Focus	X		Control focus does not cause new screens to appear
3.2.2 On Input	X		Control input does not cause new screens to appear
3.2.3 Consistent Navigation	X		The app is not web-based
3.2.4 Consistent Identification	X		The app is not web-based
3.3.1 Error Identification		X	Some errors are not identified and described in text form
3.3.2 Labels or Instructions		X	Assistive technology could not detect some field labels
3.3.3 Error Suggestion		X	Some error suggestion corrections are provided in text form
3.3.4 Error Prevention (Legal, Financial, Data)	X		The app does not contain legal or financial transactions
4.1.1 Parsing	X		

4.1.2 Name, Role, Value

X

Assistive technology could not detect some control names, types, states, or values

4.1.3 Status Messages

X

Assistive technology could not detect status messages

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