








# Emacs support for the Verilog Hardware Description Language



Description	Keystroke	Function	Note
<b>Verilog Editing</b>	<div>Emacs provide any built-in mode for the <a href="#">Verilog hardware description language</a> support natively.  PEL support for Verilog is minimal</div> <div> To activate PEL extra Verilog support, the <b>pel-use-verilog</b> user-option must be turned on (set to <b>t</b>).</div> <div><ul style="list-style-type: none"><li>When <b>pel-use-verilog</b> is turned on the <b>&lt;f11&gt; SPC V</b> prefix is made available.</li><li>PEL uses the <b>verilog-mode</b> distributed with Emacs and available as <a href="#">verilog-mode on GNU-Elpa</a>.<ul style="list-style-type: none"><li>More info about this mode is available in the <a href="#">veripool.org</a> website in: <a href="#">Introduction to Verilog-Mode</a></li></ul></li></ul></div> <div> Both the Verilog and the V programming languages use the <b>.v</b> file extension!<ul style="list-style-type: none"><li>The <b>v-mode</b> external package code does not take that into account and prevents opening Verilog <b>.v</b> files in verilog-mode.</li><li>PEL solves the issue in the activation of the V language support. See <a href="#">¶1 - V</a> for more information.</li></ul></div>		
<u>Last updated on:</u>	2025-09-11		
<b>Open this PDF file.</b> See also: <a href="#">¶ Help/Info</a>	<div><b>&lt;f11&gt; SPC V &lt;f1&gt;</b></div> <div><b>&lt;f12&gt; &lt;f1&gt;</b></div>	<b>(pel-help-pdf</b> &optional OPEN-WEB-PAGE)	Open the <b>hbl - Verilog</b> local PDF. If the prefix argument (like <b>C-u</b> or <b>M--</b> ) is used, then it opens the remote GitHub hosted raw PDF instead. If the <b>pel-flip-help-pdf-arg</b> user-option is set it's the other way around.
<a href="#">¶ Customize</a> PEL Verilog support	<div><b>&lt;f11&gt; SPC V &lt;f2&gt;</b></div> <div><b>&lt;f12&gt; &lt;f2&gt;</b></div>	<b>(pel-customize-pel</b> &optional OTHER-WINDOW)	Customize PEL Verilog support. <ul style="list-style-type: none"><li>If OTHER-WINDOW is non-nil (use <b>C-u</b>), display in another window.</li></ul>
<a href="#">¶ Customize</a> Emacs Verilog support	<div><b>&lt;f11&gt; SPC V &lt;f3&gt;</b></div> <div><b>&lt;f12&gt; &lt;f3&gt;</b></div>	<b>(pel-customize-library</b> &optional OTHER-WINDOW)	Customize Emacs Verilog support: verilog-mode <ul style="list-style-type: none"><li>If OTHER-WINDOW is non-nil (use <b>C-u</b>), display in another window.</li></ul>
<b>Comments</b>			
<b>Toggle display of comments in buffer or active region</b> See also: <a href="#">¶ Comments</a>	<b>&lt;f11&gt; ; ;</b>	<b>(hide/show-comments-toggle</b> &optional START END)	<div>Toggle hiding/showing of comments in the active region or whole buffer.</div> <div><ul style="list-style-type: none"><li>If the region is active then toggle in the region. Otherwise, in the whole buffer.</li></ul></div> <div> This requires the <a href="#">hide-comnt.el</a> package (see <a href="#">¶ Comments</a>).  PEL activates it when the <b>pel-use-hide-comnt</b> user option is <b>t</b>.</div>

## Emacs & Verilog — References

Document	Notes
The Verilog Hardware Description Language	<ul style="list-style-type: none"> <li><a href="#">Verilog @ Wikipedia</a></li> </ul>
The verilog-mode	<ul style="list-style-type: none"> <li><a href="#">Introduction to Verilog-Mode @ veripool.org</a></li> </ul>