

# Prime8

## SPECIFICATIONS SHEET

<b>COMPONENTS OF PRIME8 PRODUCTION PROGRAMMER</b>	<ul style="list-style-type: none"> <li>• Prime8 Unit</li> <li>• Eight (8) Prime8-to-Target Cables*</li> <li>• USB Cable</li> <li>• AC Adapter</li> <li>• CCS Programmer Control Software</li> </ul>								
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>• In-Circuit Serial Programming (ICSP™)</li> <li>• Eight (8) Target Ports <ul style="list-style-type: none"> <li>- Ability program eight (8) targets simultaneous</li> <li>- User selectable ports for individual target programming</li> </ul> </li> <li>• Programming Verification: <ul style="list-style-type: none"> <li>- Read Direct Program Memory</li> <li>- Read Checksum or Identification</li> </ul> </li> <li>• LCD with User Menu and Control Buttons <ul style="list-style-type: none"> <li>- Allows user to program and verify without the use of a PC</li> </ul> </li> <li>• SD Card Reader option to load and read hex files</li> <li>• User selectable Serial Numbering</li> </ul>								
<b>DEVICES SUPPORTED</b>	<p><b>Microchip Families:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">PIC10</td> <td style="text-align: center;">PIC12</td> <td style="text-align: center;">PIC14</td> <td style="text-align: center;">PIC16</td> </tr> <tr> <td style="text-align: center;">PIC18</td> <td style="text-align: center;">PIC24</td> <td style="text-align: center;">dsPIC30F</td> <td style="text-align: center;">dsPIC33F</td> </tr> </table> <p>Specific Devices Supported list, go to:  <a href="http://www.ccsinfo.com/devicesprime8">http://www.ccsinfo.com/devicesprime8</a></p> <p>Programming support for all devices that allow for in-circuit serial programming  Debugging support for all devices that have debugging capability</p>	PIC10	PIC12	PIC14	PIC16	PIC18	PIC24	dsPIC30F	dsPIC33F
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PIC18	PIC24	dsPIC30F	dsPIC33F						
<b>TARGET VOLTAGE OPTIONS</b>	<p><b>Prime8 or the target can supply the target Vdd up to 150mA to each target</b></p> <ul style="list-style-type: none"> <li>• 2.0V to 5.0V target programming</li> <li>• Ability to configure the target voltage</li> </ul>								
<b>MEMORY</b>	<p>2 MB of internal memory  Holds up to four (4) of unique programs  SD Card support for up to 512MB</p>								
<b>SOFTWARE</b>	<p><b>CCS Programmer Control Software</b></p> <ul style="list-style-type: none"> <li>- Load memory banks in Prime8</li> <li>- Memory bank clearing</li> <li>- Target detection</li> <li>- Free Software Updates to add new device support</li> </ul>								
<b>COMMUNICATION METHODS</b>	<p>PC to Module via standard USB (not required)  Module to Target via RJ-11 jack (see Help file for jack and cable pin-out)  *CCS provides cables with RJ-11 connectors. Call CCS for a custom programming cable quote.</p>								
<b>MODULE DIMENSIONS</b>	<p>5 in. x 7 in. x 1.25 in.</p>								
<b>POWER REQUIREMENTS</b>	<p><b>AC Adapter (15V 1A)</b></p>								
<b>WARRANTY</b>	<p>1-Year Repair/Replacement on Prime8 unit and Target Cables</p>								