



## SPECIFICATIONS SHEET

<b>COMPONENTS OF PRIME 8 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 ) <sup>TM</sup></li> <li>• Eight (8) Target Ports               <ul style="list-style-type: none"> <li>• Ability to program eight (8) targets simultaneous</li> <li>• User selectable ports for individual target programming</li> </ul> </li> <li>• Program Verification:               <ul style="list-style-type: none"> <li>• Read Direct Program Memory</li> <li>• Read Device ID</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>Microchip Families:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">PIC10</td> <td style="width: 25%;">PIC12</td> <td style="width: 25%;">PIC14</td> <td style="width: 25%;">PIC16</td> </tr> <tr> <td>PIC18</td> <td>PIC24</td> <td>dsPIC30F</td> <td>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</p>	PIC10	PIC12	PIC14	PIC16	PIC18	PIC24	dsPIC30F	dsPIC33F
PIC10	PIC12	PIC14	PIC16						
PIC18	PIC24	dsPIC30F	dsPIC33F						
<b>TARGET VOLTAGE OPTIONS</b>	<p>Prime8 or target can supply the target Vdd up to 200mA to each target</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>2MB of internal memory          Internal Memory holds up to four (4) unique programs          SD Card support for up to 2GB</p>								
<b>SOFTWARE</b>	<p>CCS Programmer Control Software</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>COMMUNICATIONS 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 quote</p>								
<b>MODULE DIMENSIONS</b>	<p>5 in. x 7 in. x 1.25 in.</p>								
<b>POWER REQUIREMENTS</b>	<p>AC Adapter (15V 1A)</p>								
<b>WARRANTY</b>	<p>1-Year Repair/Replacement on Prime8 Unit and Target Cables</p>								