

PCN Tracking Number: PCN\_BRT\_010

Issue Date: 27-06-2023

## Product Change Notification

<b>Product Part Number</b>	<b>VM800B43A-BK</b>	<b>Estimated implementation date</b>
<b>Description of Change</b>	<b>Update PCB design to Rev 2.3</b>	<b>July 2023</b>
<b>Reason for Change</b>	<ol style="list-style-type: none"> <li>1. Enhance EMI performance</li> <li>2. Improve module assembly productivity</li> </ol>	
<b>Detailed Description</b>	<ol style="list-style-type: none"> <li>1. Move LCD FPC connector (J1) from bottom to top side</li> <li>2. Change host connector (J5) to SMD type</li> <li>3. Add R18, R31, C33, C34, C36, FB3 to improve EMI performance</li> <li>4. Remove EMI cloth/ EMI gasket/ Isolation foam</li> </ol>	
<b>Impact to Data sheet</b>	<b>Update new PCB information</b>	
<b>Benefit of Change</b>	<b>Easy to do module installation at factory and improve the product reliability</b>	
<b>Markings to distinguish revised from:</b>	<b>PCB version (from Rev 2.2 to Rev 2.3)</b>	
<b>Sample Availability</b>	<b>Available now</b>	
<b>Risk Assessment, Fit Form and Function &amp; reliability</b>	<b>No function impact, Fit form compatible to existing package.</b>	
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<b>Others:</b>	<b>For more detail of VM800B Eve Basic module information, refer to <a href="https://brtchip.com/wp-content/uploads/2023/07/DS_VM800B-EVE.pdf">https://brtchip.com/wp-content/uploads/2023/07/DS_VM800B-EVE.pdf</a></b>	