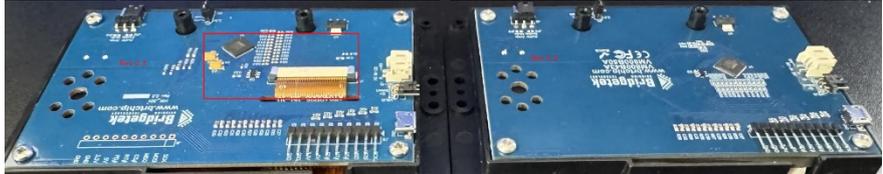


PCN Tracking Number: PCN_BRT_012

Issue Date: 03-04-2025

Product Change Notification

Product Part Number	VM800B50A-BK	Implementation date
Description of Change	Update PCB design to Rev 2.3	Jan 2024
Reason for Change	<ol style="list-style-type: none"> 1. Enhance EMI performance 2. Improve module assembly productivity 	
Detailed Description	<ol style="list-style-type: none"> 1. Move LCD FPC connector (J1) from bottom to top side 2. Change host connector (J5) to SMD type 3. Add R18, R31, C33, C34, C36, FB3 to improve EMI performance 4. Remove EMI cloth/ EMI gasket/ Isolation foam 5. PCB layout has changed. Component height in the marked area increased to maximum 3mm above PCB surface, as shown in the image: 	
Impact to Data sheet	Update new PCB information	
Benefit of Change	Easy to do module installation at factory and improve the product reliability	
Markings to distinguish revised from:	PCB version (from Rev 2.2 to Rev 2.3)	
Sample Availability	Available now	
Risk Assessment , Fit Form and Function & reliability	No function impact. Fit form is compatible to existing package except minor dimension changes noted in point 5 of Detailed Description.	
PDF Download	https://brtchip.com/document/product-change-notifications/	
Others:	For more detail of VM800B Eve Basic module information, refer to https://brtchip.com/product/vm800b50a-bk/	