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MCCS Update Document

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VESA Monitor Control Command Set (MCCS)

Update Document for MCCS Standard Version 3

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Purpose

This document provides update information relevant to the VESA MCCS Standard, Version 3. It contains several sections:

- Known Errors in the MCCS Standard , Version 3
- Extensions of VCP Code Value Definitions in MCCS Standard, Version 3
- VCP Codes Proposed for Incorporation in Future Revisions of the MCCS Standard
- Other Comments/Guidance

Preface

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Support

Clarifications and application notes to support the MCCS standard may be written. To obtain the latest standard and any support documentation, contact VESA.

If you have a product which incorporates _Monitor Control Command Set (MCCS)_, you should ask the company that manufactured your product for assistance. If you are a manufacturer, VESA can assist you with any clarification you may require. All comments or reported errors should be submitted in writing to VESA using one of the following methods.

- Fax   408-957-9277, _direct this note to Technical Support at VESA_
- e-mail   support@vesa.org
- mail to Technical Support

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1 Known Errors in the MCCS Standard

Note that area(s) in red are those which differ from the current MCCS standard.

There are no known errors.

2 Extensions of VCP Code Value Definitions in MCCS

Note that area(s) in red are those which differ from the current MCCS standard.

Code	VCP Code Name	Type	Function	Description
C8h	Display Controller Type	RO	NC	This VCP code will provide the host with knowledge of the controller type being used by a particular display which will enable a table based approach (by applications) to what features may be available on attached display. SL byte: Indicates controller manufacturer ML and SH bytes: Provide a numeric indication of controller type **Notes:** 1. Each controller manufacturer supporting this command is required to publish and maintain an equivalence table between the actual product identifier (alpha-numeric marketing identifier) and the simple numerical value here. 2. A host application would use the combination of data from MH, ML and SH bytes to uniquely identify a particular controller. <table><tr><td>**SL byte**</td><td></td></tr><tr><td>01h</td><td>Conexant</td></tr><tr><td>02h</td><td>Genesis Microchip</td></tr><tr><td>03h</td><td>Macronix</td></tr><tr><td>04h</td><td>IDT (Integrated Device Technology)</td></tr><tr><td>05h</td><td>Mstar Semiconductor</td></tr><tr><td>06h</td><td>Myson</td></tr><tr><td>07h</td><td>Philips</td></tr><tr><td>08h</td><td>PixelWorks</td></tr><tr><td>09h</td><td>RealTek Semiconductor</td></tr><tr><td>0Ah</td><td>Sage</td></tr><tr><td>0Bh</td><td>Silicon Image</td></tr><tr><td>0Ch</td><td>SmartASIC</td></tr><tr><td>0Dh</td><td>STMicroelectronics</td></tr><tr><td>0Eh</td><td>Topro</td></tr><tr><td>0Fh</td><td>Trumpion</td></tr><tr><td>10h</td><td>Welltrend</td></tr></table>

Code	VCP Code Name	Type	Function	Description		
				11h	Samsung	
				12h	Novatek Microelectrtonics	
				13h	STK	
				14h	Silicon Optix Inc.	
				15h → FEh	Reserved, must be ignored	
				FFh	Not defined – a manufacturer designed controller	
				Please check the MCCS_UP.pdf document at VESA website for any extensions to this list.		

3 Proposed Future VCP Codes

There are no specific new VCP codes at the moment.

4 Other Comments/Guidance

No comments/guidance beyond that contained in the MCCS standard.