
高通多媒体技术期刊 20160106



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Revision History

Revision	Date	Description
A	Jan. 2016	Initial release

Note: There is no Rev. I, O, Q, S, X, or Z per Mil. standards.

内容

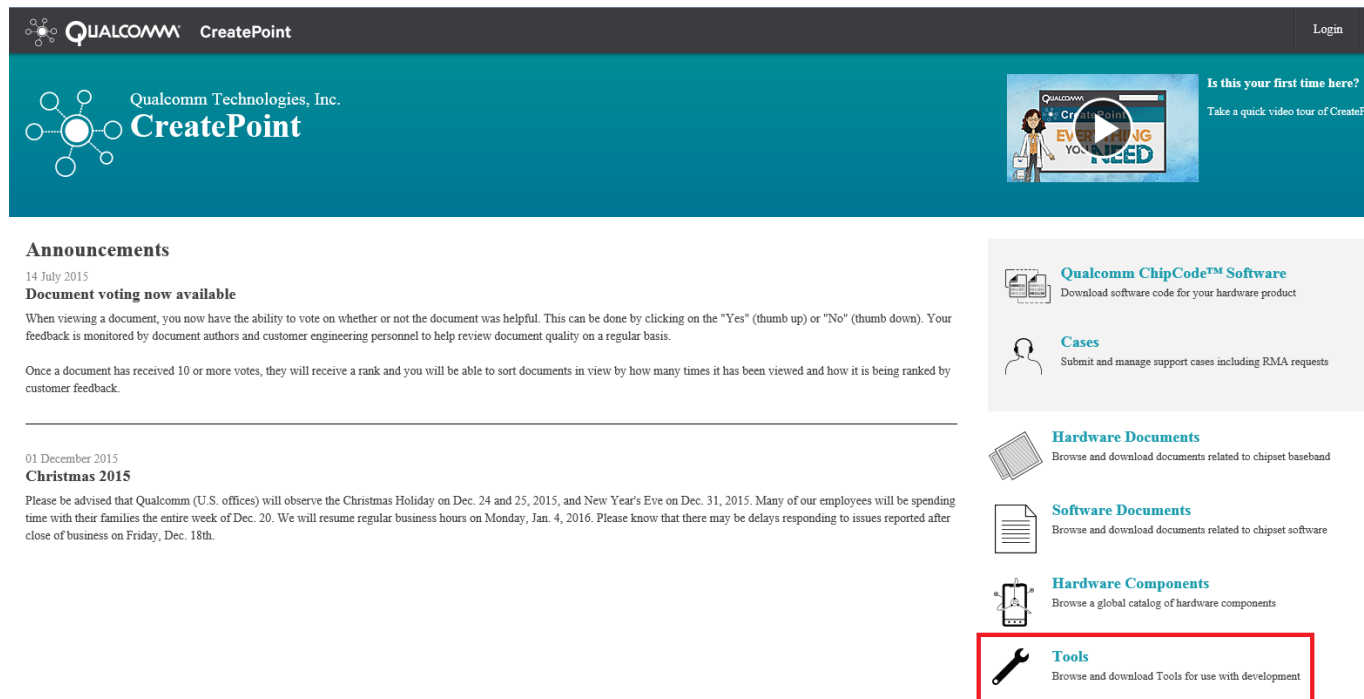
- Display
 - 如何下载最新版本的QDCM工具.
 - 如何移植旧模式到QDCM v4.3



Display

登陆QUALCOMM网站

- 首先进入 QUALCOMM开放给客户的CreatePoint网站
<https://createpoint.qti.qualcomm.com/>
(如果系统提示没有权限或账号，请联系QUALCOMM的TAM申请，或者让有权限的同事的账号来帮助完成下载。)



- 进入网页后，选中Tools选项（如红框所示）。

索引QDCM工具

- 如下图，在“Filter Results”中键入“QDCM”，然后点击蓝色的“Apply”按钮。
- 网页会列出所有版本的QDCM工具，如下图的All Tools列表。

The screenshot shows the Qualcomm CreatePoint website. The top navigation bar includes links for Home, General Info, Hardware Documents, Hardware Components, Software Documents, Software Code, Tools, and Cases. A search bar is located in the top right corner. Below the navigation bar, there is a section titled "Tools: Choose a Tools Suite" with a button labeled "All Suites".

On the left side, there is a "Filter Results" section with a search input field containing "QDCM" and an "Apply" button. Below this, there are several filter categories: "Your Filters", "System OS" (with a checkbox for Windows (5)), "Full Name" (with checkboxes for Qualcomm® Display Color Management (4) and Qualcomm® Display Color Management Factory Tool (1)), "Build Type" (with a checkbox for Installer (5)), "Chipsets" (with checkboxes for All (4) and MSM8939 (1)), "Categories" (with checkboxes for Tuning (4) and Factory (1)), and "Visibility" (with a checkbox for External and Internal (5)).

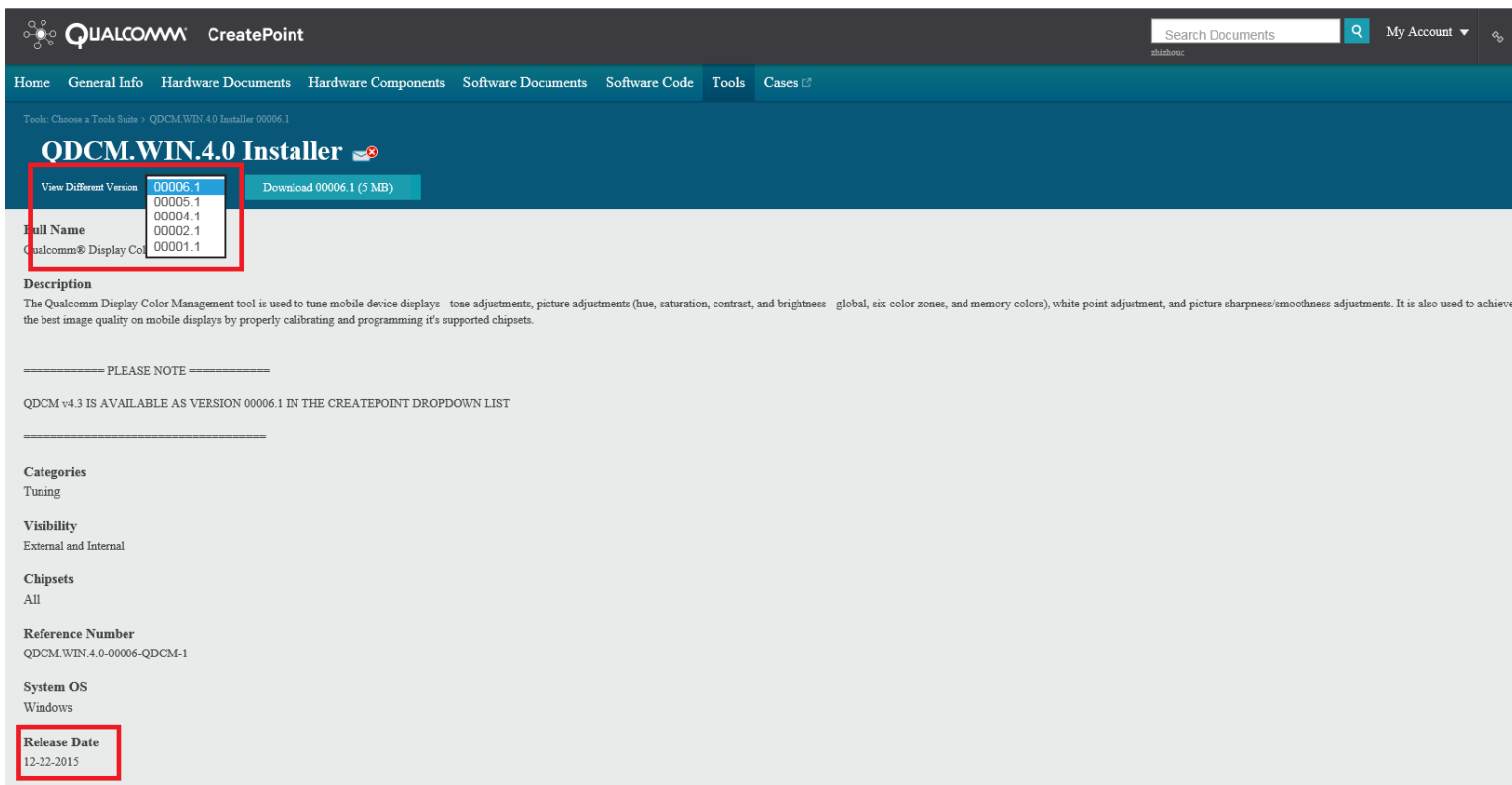
On the right side, there is a table titled "All Tools". The table has columns for Name, Full Name, Version, Release Date, Chipsets, Categories, System OS, and Subscribe. The first row is highlighted with a red box, showing the "QDCM.WIN 4.0 Installer" tool. The "Release Date" for this tool is "12-22-2015", which is also highlighted with a red box.

Name	Full Name	Version	Release Date	Chipsets	Categories	System OS	Subscribe
<input type="checkbox"/> QDCM.WIN 4.0 Installer	Qualcomm® Display Color Management	00006.1	12-22-2015	All	Tuning	Windows	
<input type="checkbox"/> QDCM_Factory.WIN.1.0 Installer	Qualcomm® Display Color Management Factory Tool	00002.9	09-25-2015	MSM8939	Factory	Windows	
<input type="checkbox"/> QDCM.WIN 3.5 Installer	Qualcomm® Display Color Management	00003.1	07-10-2015	All	Tuning	Windows	
<input type="checkbox"/> QDCM.WIN 3.4 Installer	Qualcomm® Display Color Management	00001.1	02-14-2015	All	Tuning	Windows	
<input type="checkbox"/> QDCM.WIN 3.3 Installer	Qualcomm® Display Color Management	00001.7	01-20-2015	All	Tuning	Windows	

- 一般情况下，QDCM会按更新内容的新旧由上至下排列。实际更新时间还是以Release Date显示的为准。

下载最新版本的QDCM工具

- 当进入到QDCM.WIN.x.x Installer之后，点击View Different Version，会出现如图所示的下拉框。



- View Different Version下拉框中的版本是网站管理的版本，和QDCM实际的版本有所不同。目前QDCM最新的版本为QDCM v4.3，其对应的下拉框版本号00006.1，Release Date为12-22-2015。
- 选中最新的View Different Version，点击边上蓝色的Download按钮开始下载。

下载QDCM的相关文档

- 在QDCM工具下载页的下方，可以下载相关的参考文档。

Documentation

What's New?

Documents

Filter Results ?

Apply

Your Filters

Clear All

Document Navigator

QUALCOMM DISPLAY COLOR

QUALCOMM DISPLAY COLOR

Download Selected Items

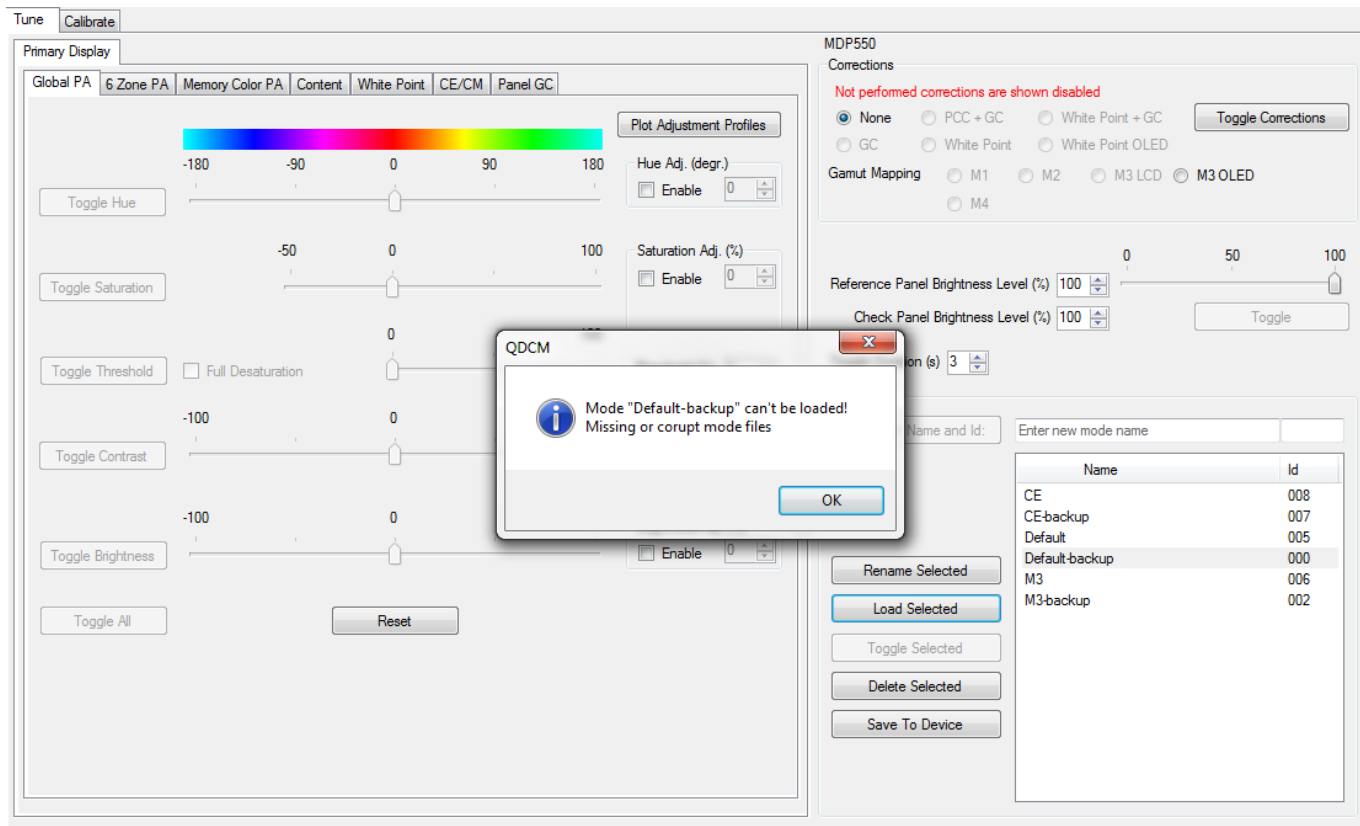
Clear (2) Documents

Title	DCN Number	File Type	File Size	Date
<input checked="" type="checkbox"/> QUALCOMM DISPLAY COLOR MANAGEMENT (QDCM) CALIBRATION TOOL USER GUIDE Discusses the Display Characterization and Calibration system (Calibration Tool) for devices with an MSM8974 chipset with MDP 5xx running on an HLOS	80-NJ550-2	PDF	4 MB	07-13-2015
<input checked="" type="checkbox"/> QUALCOMM DISPLAY COLOR MANAGEMENT (QDCM) TUNING TOOL Provides instructions for setting up and using the QDCM Tuning Tool	80-NJ550-1	PDF	7 MB	07-13-2015

Videos

QDCM v4.3模式的兼容性

- 目前QDCM最新的版本为QDCM v4.3，多了很多新的功能，建议更新到最新版本。不过QDCM v4.3无法直接打开 - 用QDCM v4.2 或更早的版本生成的模式，会出现如下提示：



移植旧模式到QDCM v4.3 (1)

- 用QDCM v4.3打开或编辑 - 用QDCM v4.2 或更早的版本生成的模式，需要先给生成的模式打补丁。以QDCM v4.2生成的模式为例：
- 第一步，关闭QDCM，找到路径：xx(工程目录)/Modes/xx(任意一个模式)，修改 **CTRLS_CE_PCC_DSPP__0.XML**
- 在<controls> 和 <listBoxUserPickColorEnhPCCSelectedString>中间插入如下代码：
- `<radioButtonColorEnhancementMappingChecked>True</radioButtonColorEnhancementMappingChecked><radioButtonExposureAdjustmentChecked>False</radioButtonExposureAdjustmentChecked><radioButtonBlueAdjustmentChecked>False</radioButtonBlueAdjustmentChecked><trackBarExposureValue>100</trackBarExposureValue><numericUpDownExposureValue>100</numericUpDownExposureValue><trackBarBlueValue>100</trackBarBlueValue><numericUpDownBlueValue>100</numericUpDownBlueValue>`
- 保存文件。

移植旧模式到QDCM v4.3 (2)

- 第二步，打开相同路径下的 **CTRLS.XML**
- 在<radioButtonCorrectionWhitePointOLEDChecked>和</controls>中间插入如下代码：
- `<radioButtonCorrectionGM_Mode_4_option_1Checked>False</radioButtonCorrectionGM_Mode_4_option_1Checked><radioButtonCorrectionGM_Mode_4_option_2Checked>False</radioButtonCorrectionGM_Mode_4_option_2Checked><radioButtonCorrectionGM_Mode_4_option_3Checked>False</radioButtonCorrectionGM_Mode_4_option_3Checked><radioButtonCorrectionGM_Mode_4_option_4Checked>False</radioButtonCorrectionGM_Mode_4_option_4Checked><radioButtonCorrectionGM_Mode_4_option_5Checked>False</radioButtonCorrectionGM_Mode_4_option_5Checked>`
- 保存文件。

移植旧模式到QDCM v4.3 (3)

- 第三步，打开QDCM v4.3重新载入刚才修改的模式，检查修改后的模式是否可用。
- 如果发现之前无法载入的模式经过修改可以用了，说明模式移植成功。如果需要移植多个模式，可以重复此步骤。
- 其他建议：
 - 在修改模式前，做一个备份，以免修改的时候出错。
 - QDCM v4.2之前版本生成的模式，CTRLS.XML文件中没有
<radioButtonCorrectionWhitePointOLEDChecked>这段代码，建议先在结尾的
</controls>前插入
<radioButtonCorrectionWhitePointOLEDChecked>False</radioButtonCorrection
WhitePointOLEDChecked>这段代码，然后再继续步骤二，三。
 - 目前只支持手动移植。

Questions?

<https://support.cdmatech.com>

